

#### **BY ELECTRONIC MAIL**

February 5, 2021

Mr. Shawn Weimer Land Protection Manager Virginia Department of Environmental Quality Piedmont Regional Office 4949-A Cox Road Glen Allen, VA 23060

RE: DOMINION ENERGY VIRGINIA, CHESTERFIELD POWER STATION, CHESTERFIELD COUNTY, VIRGINIA PART B SOLID WASTE PERMIT APPLICATION FOR CLOSURE OF THE LOWER AND UPPER ASH PONDS

Dear Mr. Weimer:

In accordance with the Virginia Solid Waste Management Regulations (9VAC20-81) and § 10.1-1402.03 of the Code of Virginia, Virginia Electric and Power Company d/b/a Dominion Energy Virginia (Dominion) is requesting a Part B Solid Waste Permit for closure of the Lower Ash Pond (LAP) and Upper Ash Pond (UAP) at the Chesterfield Power Station in Chesterfield County, Virginia. This permit is being requested as part of a comprehensive Coal Combustion Residuals (CCR) management action, which includes closure by removal of both the LAP and UAP. This Part B permit application package is being provided to the Virginia Department of Environmental Quality for review and to support the issuance of the requested Solid Waste Closure Permit. The following documents compose this application package:

Attachment I Notice of Intent for Closure

Attachment II Solid Waste Disposal Facility Part B Permit Application Form

Attachment III Drawing sets – one for each pond
 Attachment IV Closure Plan – one for each pond
 Attachment V Groundwater Monitoring Plan

Please contact Mr. Dennis Slade at <u>dennis.a.slade@dominionenergy.com</u> with any questions or comments regarding this submittal.

Sincerely,

ecc

Lisa C. Messinger

Director, Environmental Services

Lisa C. Messurg

Kathryn Perszyk, VA DEQ – <u>kathryn.perszyk@deq.virginia.gov</u>

### Attachment I

**Notice of Intent for Closure** 

Dominion Energy Services, Inc. 120 Tredegar Street, Richmond, VA 23219 DominionEnergy.com



#### BY ELECTRONIC MAIL

February 5, 2021

Mr. Shawn Weimer Land Protection Manager Virginia Department of Environmental Quality Piedmont Regional Office 4949-A Cox Road Glen Allen, VA 23060

RE: DOMINION ENERGY VIRGINIA CHESTERFIELD POWER STATION, CHESTERFIELD COUNTY, VIRGINIA
NOTICE OF INTENT FOR PART B SOLID WASTE PERMIT APPLICATION FOR CLOSURE OF THE
LOWER AND UPPER ASH PONDS

Dear Mr. Weimer:

Virginia Electric and Power Company d/b/a Dominion Energy Virginia (Dominion) owns and operates the Chesterfield Power Station (Station), a coal and natural gas-fired power plant located at 500 Coxendale Road, Chesterfield County, Virginia 23836.

Pursuant to 9 VAC 20-81-450.B.1, Dominion is submitting this Notice of Intent (NOI) to apply for a Part B Solid Waste Permit for closure of the two Coal Combustion Residual (CCR) surface impoundments located at the Station, otherwise known as the Lower Ash Pond (LAP) and the Upper Ash Pond (UAP). Dominion intends to close both the LAP and UAP by removal of CCR material, pursuant to 40 CFR 257.102(c), 9VAC20-81-800, and § 10.1-1402.03 of the Code of Virginia. This NOI is being submitted as part of a Part B Solid Waste Permit Application package. The closure of the two CCR surface impoundments will occur under the Virginia Solid Waste Management Program.

The LAP and UAP are currently authorized to operate under Virginia Pollutant Discharge Elimination System (VPDES) permit number VA0004146. Applicable operating criteria of this permit will be superseded upon issuance of the solid waste permit.

An Area Map (Figure 1) and a Site Location Map (Figure 2) are attached to this letter as Attachments 1 and 2, respectively. The locations of the LAP and UAP are shown on the Site Location Map. The approximate central latitude and longitude of the two ponds are as follows:

LAP Latitude: 37.3737°N Longitude: 77.3795°W

UAP Latitude: 37.3702°N Longitude: 77.3698°W

In addition, as part of this NOI, Dominion is also providing the following information:

- DEQ Form DISC-01 Applicant's Disclosure Statement (Attachment 3)
- DEQ Form DISC-02 Key Personnel Disclosure Statement (Attachment 4)
- Plat and Deed for Proof of Ownership (Attachment 5)
- Virginia SCC Certificate of Good Standing (Attachment 6)

Please contact Mr. Dennis Slade at <u>dennis.a.slade@dominionenergy.com</u> with any questions or comments regarding this submittal.

Sincerely,

Lisa C. Messinger

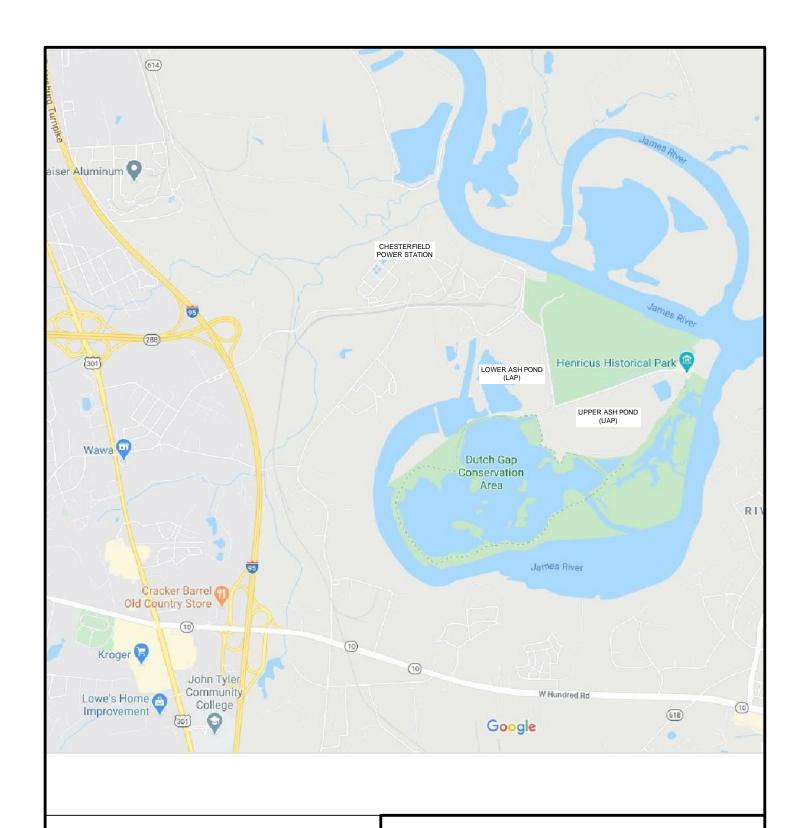
Director, Environmental Services

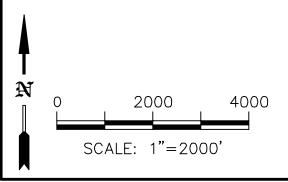
Lisa C. Messings

ecc Kathryn Perszyk, VA DEQ - kathryn.perszyk@deq.virginia.gov

## Attachment 1

Figure 1 – Area Map





# **AECOM**

525 VINE STREET, SUITE 1800 CINCINNATI, OH 45202 PHONE (513) 651-3440

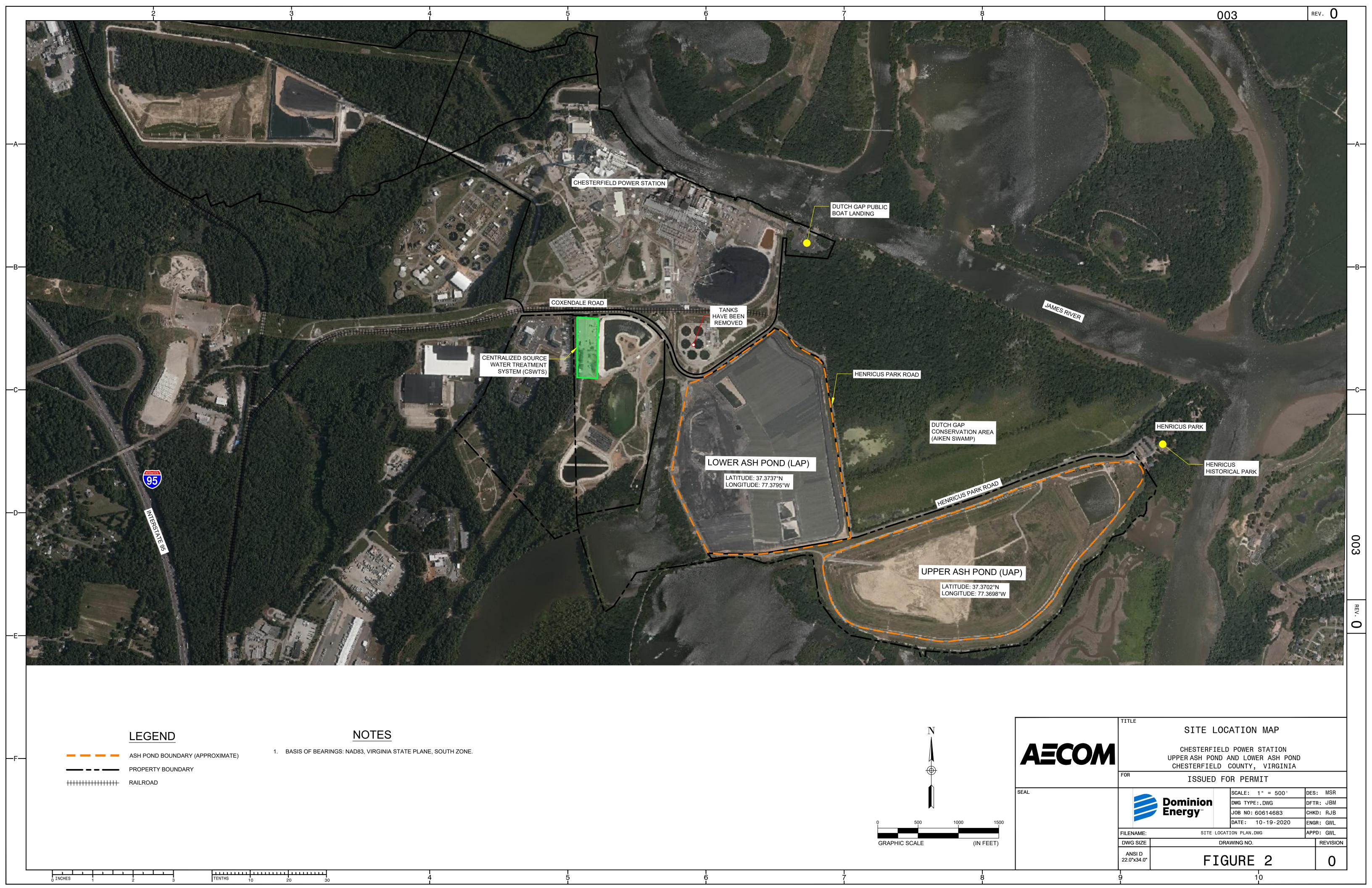
# CHESTERFIELD POWER STATION UPPER ASH POND & LOWER ASH POND AREA MAP

**CHESTERFIELD COUNTY, VIRGINIA** 

DRAWN BY: PROJ. CHECK: PROJECT NO: DATE: FIGURE NO: 06/08/20 1

## Attachment 2

Figure 2 – Site Location Map



## Attachment 3

DEQ Form DESC-01 – Applicant's Disclosure Statement



# DEQ Form DISC-01 SOLID WASTE MANAGEMENT FACILITY PERMIT APPLICANT'S DISCLOSURE STATEMENT

| char<br>Solid | Form must accompany the Solinge in condition that renders any<br>Waste Management Regulation<br>continuation sheet if necessary to                              | portion of<br>ns, <u>9 VAC</u>                  | this statement mater<br>20-81-10 et seq., and | rially incomplete or inc<br>the Virginia <u>W</u> aste M   | accurate, in accordance | with Virginia<br>1400 et seq. |
|---------------|---|---|---|--|-------------------------|-------------------------------|
| Арр           | Applicant: Virginia Electric and Power Company d/b/a Dominion Energy Virginia   |   |   |  |                         |                               |
| Арр           | licant's Interest: 🛛 Owner  | Operato   | r 🔲 Other                                     |  |                         |                               |
| Faci          | lity Name: Chesterfield Pow   | er Station                                      |   |  | Permit #: _619          |                               |
|               | iness Address: 120 Tredegar   |   |   |  |                         |                               |
|               | City: Richmond  |   |   | Zip: 232   | 219                     |                               |
|               | Email: dennis.a.slad  | e@domin   | ionenergy.com                                 |  | 804-317-7079            |                               |
| Ente          | PERSONNEL: It below the names of all key personate DEQ Form DISC-02 must be   |   |   | A CONTRACTOR OF THE PROPERTY O | y listed.               |                               |
| #             | Name  | #   | Name  | #  | Name                    |                               |
| 1.            | Robert W. Sauer   | 5.  |   | 9.   |                         |                               |
| 2.            | Shane Young   | 6.  |   | 10.  |                         |                               |
| 3.            | Julie Williams-Daves  | 7.  |   | 11.  |                         |                               |
| 4.            |   | 8.  |   | 12.  |                         |                               |
| List of envi  | IER REGULATORY OVERSIGHT all agencies outside the Common ronmental permit or license to the timent, storage or disposal of solicency Name and Permit or License | <b>nwealth</b> th<br>ne applican<br>id or hazar | t within the past ten                         |  |                         |                               |
| W١            | / DEP - WV0110256 NPDES/Solid   | l Waste   |   |  | June 20, 2021           | WV                            |
| faci          | s any member of the local govity is located or proposed to be any provide full name and busines.  | be located                                      | d hold an equity into                         | erest in the facility?   |                         | ement                         |
| iden          | GANIZATIONAL STRUCTURE: A<br>tifying directors, officers, partner<br>Check if updating previously submitted   | rs, membe                                       | rs and managing mer                           |  |                         |                               |



# DEQ Form DISC-01 SOLID WASTE MANAGEMENT FACILITY PERMIT APPLICANT'S DISCLOSURE STATEMENT

Title: Vice President - System Operations

#### **RESPONSIBLE OFFICIAL CERTIFICATION**

Type or print full name: Robert W. Sauer

| I certify under penalty of law that the information contained in this D                  | Disclosure Statement and all attachments are |
|--|--|
| to the best of my knowledge and belief, true, accurate, and complete                     | e. I am aware that there are significant     |
| penalties for submitting false information, including the possibility of Robert W. Sauer | fine and imprisonment.                       |
| Applicant Signature: Robert W. Sauer Robert W. Sauer (Feb 8, 2021 08:28 EST)             | Pate: Feb 8, 2021                            |

Remarks or continuation from previous page:

## Attachment 4

DEQ Form DISC-02 – Key Personnel Disclosure Statement



<u>Instructions:</u> A separate DEQ Form DISC-02 must be completed for each of the Key Personnel listed on DEQ Form DISC-01. The information provided on this form is specific to the "person" listed, whether that is an individual, corporation, partnership, association, government body or other legal entity, as defined in the Virginia Solid Waste Management Regulations, <u>9 VAC 20-81-10</u>, and as required by the Virginia Waste Management Act, § <u>10.1-1400 et seq.</u>

| Key Personnel Name: Robert W. Sa  | uer   |   |  |   |
|---|---|---|--|---|
| Facility Name: Chesterfield Power Station Permit #: 619  Business Address: 600 East Canal Street, Richmond, VA 23219  |   |   |  |   |
|   |   |   |  | BUSINESS EXPERIENCE: Provide all information that reasonably r lawfully and competently operate a solid |
| EMPLOYER or ENTITY  | DATES   | POSITION Title & Responsibilities   | et, ij needed.                                     |   |
| VEPCO d/b/a Dominion Energy Virginia  | 11/1/2018-  | Vice President - System Operations - Respo  |  |   |
| PERMITS & LICENSES (past 10 years) List all permits or licenses issued to or he transportation, treatment, storage, or di   | ld by the above name<br>sposal of solid or haza                                 | rdous waste. Include waste manageme   | ent facility operator                              |   |
| licensing, and agencies outside the Comr  | nonwealth which have  | 1   |  |   |
| PERMIT / LICENSE Solid Waste Permit No. 609   |   | AGENCY Virginia DEQ   | Current? Yes                                       |   |
| NPDES/Solid Waste Permit WV0110256  | 5   | West Virginia DEP   | Yes  |   |
|   |   |   |  |   |
| <b>Violations, Prosecutions, Enforceme</b> List and explain any findings or allegation collection, transportation, treatment, sto by any facility at which the person was k crimes as specified in § 10.1-1400, definit | ns of civil or criminal v<br>orage or disposal of so<br>ey personnel); any lice | iolation of any law, regulation or requir<br>lid waste (pending or concluded, by the<br>nse or permit suspensions in any state; | ement relating to the above named person <u>or</u> |   |
| Does the above named person hold a<br>treats, stores, or disposes of solid wa<br>If YES, provide full name and address of   | ste or hazardous wa   | aste? NO TYES   |  |   |
| I certify, to the best of my knowledge at accurate, and complete.  **Robert W. Sa**  Applicant Signature: **Robert W. Saver (Feb 8, 20)**   | nd belief, that the info<br>TUEY<br>21 12:42 EST)                               | ormation contained in this Disclosure S<br>Feb 8, 2021<br>Date:   |  |   |
| Type or print full name: Robert W. Saue   |   | Title: Vice President - System Operations   |  |   |



Per § 10.1-1408.1.C.3, this Disclosure Statement must be updated upon any change in condition that renders any portion of the statement materially incomplete or inaccurate.

#### - Continuation Sheet -

Use this sheet if additional space is needed

| Key Personnel Name:  | _ Date:                              |
|--|--------------------------------------|
|  |                                      |
| Business Experience:   |                                      |
|  |                                      |
| Permits and Licenses (past 10 years):                                |                                      |
|  |                                      |
| Violations, Prosecutions, Enforcement Actions, License or Permit Sus | spensions. Felonies (past 10 years): |
|  |                                      |
|  |                                      |
| Equity Interests:  |                                      |



<u>Instructions:</u> A separate DEQ Form DISC-02 must be completed for each of the Key Personnel listed on DEQ Form DISC-01. The information provided on this form is specific to the "person" listed, whether that is an individual, corporation, partnership, association, government body or other legal entity, as defined in the Virginia Solid Waste Management Regulations, <u>9 VAC 20-81-10</u>, and as required by the Virginia Waste Management Act, § <u>10.1-1400 et seq.</u>

| Key Personnel Name: Shane Young  |  |  |  |
|--|--|--|--|
| Facility Name: Chesterfield Power Stati  | ion  | Permit   | : <b>#:</b> <u>619</u>                                 |
| Business Address: 500 Coxendale Road   | l, Chester, Virgi  | nia 23836  |  |
| BUSINESS EXPERIENCE: Provide all information that reasonably related lawfully and competently operate a solid was  |  | cations and ability of the key personnel lis   | -  |
| EMPLOYER or ENTITY   | DATES  | POSITION Title & Responsibilities  | .et, ij Heeded.  |
| VEPCO d/b/a Dominion Energy Virginia   | 6/2019 -<br>present  | Station Director - Chesterfield Power for the safe and reliable operation of Station, including the FFCP landfill  | •  |
| PERMITS & LICENSES (past 10 years): List all permits or licenses issued to or held b transportation, treatment, storage, or dispos   | sal of solid or ha   | zardous waste. Include waste manageme  | ent facility operator                                  |
| licensing, and agencies outside the Common   | wealth which ha  |  |  |
| PERMIT / LICENSE  Solid Waste Permit No. 609   |  | AGENCY Virginia DEQ  | Current?   |
| Violations, Prosecutions, Enforcement List and explain any findings or allegations of collection, transportation, treatment, storage by any facility at which the person was key process as specified in § 10.1-1400, definition | f civil or criminal<br>e or disposal of s<br>ersonnel); any li | l violation of any law, regulation or requir<br>solid waste (pending or concluded, by the<br>cense or permit suspensions in any state;   | rement relating to the<br>above named person <u>or</u> |
| Does the above named person hold an extreats, stores, or disposes of solid waste  If YES, provide full name and address of that  I certify, to the best of my knowledge and be accurate, and complete.                           | or hazardous ventity:  | NO YES  NO OF YES  Of the second seco |  |
|  |  |  |  |
| Type or print full name: Shane Young   |  | Title: Station Director  |  |



Per § 10.1-1408.1.C.3, this Disclosure Statement must be updated upon any change in condition that renders any portion of the statement materially incomplete or inaccurate.

#### - Continuation Sheet -

Use this sheet if additional space is needed

| Key Personnel Name:   | Date:                               |
|---|-------------------------------------|
|   |                                     |
| Business Experience:  |                                     |
|   |                                     |
|   |                                     |
| Permits and Licenses (past 10 years):                                       |                                     |
|   |                                     |
|   |                                     |
| <u>Violations, Prosecutions, Enforcement Actions, License or Permit Sus</u> | pensions, Felonies (past 10 years): |
|   |                                     |
|   |                                     |
| Equity Interests:   |                                     |



<u>Instructions:</u> A separate DEQ Form DISC-02 must be completed for each of the Key Personnel listed on DEQ Form DISC-01. The information provided on this form is specific to the "person" listed, whether that is an individual, corporation, partnership, association, government body or other legal entity, as defined in the Virginia Solid Waste Management Regulations, <u>9 VAC 20-81-10</u>, and as required by the Virginia Waste Management Act, § <u>10.1-1400 et seq.</u>

| Key Personnel Name: Julie Williams-Da  | ives  |  |  |
|--|---|--|--|
| Facility Name: Chesterfield Power Stati  | on  | Perm   | nit #: <u>619</u>  |
| Business Address: 500 Coxendale Road   | , Chester, Virg   | inia 23836   |  |
| BUSINESS EXPERIENCE: Provide all information that reasonably relat lawfully and competently operate a solid was  |   | cations and ability of the key personnel i   |  |
| EMPLOYER or ENTITY   | DATES   | POSITION Title & Responsibilities  |  |
| VEPCO d/b/a Dominion Energy Virginia   | 6/2018-<br>present  | Project Leader - Chesterfield Power the technicall and regulatory com Power Station FFCP landfill on a d                           | pliance of the Chesterfield                              |
| PERMITS & LICENSES (past 10 years): List all permits or licenses issued to or held by transportation, treatment, storage, or disposalicensing, and agencies outside the Common   | sal of solid or ha  | zardous waste. Include waste manager   | ment facility operator                                   |
| PERMIT / LICENSE   | wealth which ha   | AGENCY   | Current?   |
| Solid Waste Permit No. 609   |   | Virginia DEQ   | Yes  |
| Violations, Prosecutions, Enforcement A List and explain any findings or allegations of collection, transportation, treatment, storag by any facility at which the person was key p crimes as specified in § 10.1-1400, definition | f civil or crimina<br>e or disposal of s<br>ersonnel); any li | l violation of any law, regulation or requ<br>solid waste (pending or concluded, by th<br>cense or permit suspensions in any state | uirement relating to the ne above named person <u>or</u> |
| Does the above named person hold an etreats, stores, or disposes of solid waste  If YES, provide full name and address of that  I certify, to the best of my knowledge and baccurate, and complete.                                | entity:   | waste? NO YES  |  |
| Applicant Signature:   | vaves   | Date: 2/3/2021   |  |
| Type or print full name: Julie Williams-Dave   | es .  | Title: Project Leader  |  |



Per § 10.1-1408.1.C.3, this Disclosure Statement must be updated upon any change in condition that renders any portion of the statement materially incomplete or inaccurate.

#### - Continuation Sheet -

Use this sheet if additional space is needed

| Key Personnel Name:   | Date:                                 |
|---|---------------------------------------|
| Business Experience:  |                                       |
| Permits and Licenses (past 10 years):                               |                                       |
| Violations, Prosecutions, Enforcement Actions, License or Permit Su | uspensions, Felonies (past 10 years): |
| Equity Interests:   |                                       |

## Attachment 5

Plat and Deed for Proof of Ownership

## FILE COPY

CONNIE STANLEY

DOROTHY SCOTT

Richmond, Virginia February 8, 1996

#### CHESTERFIELD POWER STATION ASH POND

In December, 1994 when the Company purchased the Chesterfield Power Station Ash Pond Site from Tarmac Mid-Atlantic, Inc., the property was not surveyed. The total acreage, which was reported to the SCC, was estimated to be 150.5 Acres. A survey which has just been completed shows the site actually contains 144.1 acres. A Confirmation and Correction Deed and Easement Agreement correcting the acreage acquired by this transaction, a copy of which is enclosed, was recorded January 22, 1996 in the Clerk's Office, Circuit Court, Chesterfield County, Virginia in Deed Book 2808, Page 757. Would you please report this change to the State Corporation Commission.

If you need additional information regarding this matter, please call me on Extension 3692.

Dorothy B. Scott

DBS/dm Enclosure cc: C. B. Barber

| 557 |   | 7 | _ | 7 |
|-----|---|---|---|---|
| 221 | • | • | O | Α |

| SHEET | NO. | 8 |
|-------|-----|---|
| SHEET | NO. | 8 |

| VEPCO REAL ESTATE |      |      |    |    |  |
|-------------------|------|------|----|----|--|
| DEED              | FILE | NO   | 28 | 11 |  |
| ጥፈ.ፕሮ             | BOOK | ттем | МО | 36 |  |

## VIRGINIA ELECTRIC AND POWER COMPANY REAL ESTATE <u>PURCHASED</u> IN 19<u>94</u>

| County or City:                      | Chesterfield County                       |
|--------------------------------------|---|
| District or Borough:                 | Bermuda Magisterial District              |
| Location and General<br>Description: | Coxendale Road at Chesterfield Power      |
|                                      | Station Ash Disposal Pond                 |
|                                      |   |
|                                      |   |
| Acreage:                             | <del>150.5+</del> 144.1                   |
| Improvements:                        | None                                      |
| Grantor:                             | Tarmac Mid-Atlantic, Inc.                 |
| Tax Exempt Grantor:                  | No  |
| Purchase Price:                      | \$2,000,000 lo additional Consideration   |
| Date of Deed:                        | December 13, 1994 Queent 31, 1995         |
| Date Deed Delivered:                 | December 13, 1994 August 31, 1995         |
| Date Deed Recorded:                  | December 15, 1994 Deed Book 2634 Page 148 |
| Previous Assessment: La              | nd \$ Improvements \$                     |
| Pa                                   | rt of Acres Assessed at \$                |
| Proposed 19 <u>94</u> Land Ass       | essment                                   |
| Project No:                          | 6580                                      |
| CAFR No. and Project: $\_$           | C0087381 Ash Disposal Pond Land Purchase  |
| Recording Costs:                     | \$_4,014.00                               |
|                                      | (PLAT ATTACHED)                           |

Note: Temporary plat is attached

Mailes Well. Poole

BOOK 2808 PAGE 757

EXEMPTION CLAIMED: §58.1-810(1) AND (2) - See Recitals Below

101981

CONFIRMATION AND CORRECTION DEED AND EASEMENT AGREEMENT

THIS CONFIRMATION AND CORRECTION DEED AND EASEMENT AGREEMENT ("Agreement") is made as of this 31st day of August, 1995, by and between TARMAC MID-ATLANTIC, INC., a Delaware corporation ("Tarmac"), to be indexed as a grantor and a grantee; and VIRGINIA ELECTRIC AND POWER COMPANY, a public service corporation ("Virginia Power"), to be indexed as a grantor and a grantee, the address of which is Post Office Box 26666, Richmond, Virginia 23261-6666, Attn: Real Estate/Facilities (OJRP 18).

#### **RECITALS**:

- A. By deed and easement agreement ("Original Deed") dated December 13, 1994, and recorded in the Clerk's Office of the Circuit Court of Chesterfield County, Virginia ("Clerk's Office"), in Deed Book 2634, at page 148, Tarmac conveyed to Virginia Power certain real property, more particularly described on Exhibit A attached to the Original Deed. All terms not otherwise defined in this Agreement shall have the meanings set forth in the Original Deed.
- B. Exhibit A attached to the Original Deed was a preliminary plat which generally gave the configuration of the Transfer Property, as defined in the Original Deed and as redefined below, since the surveyor had not yet completed the perimeter survey

of the Transfer Property and the parties had not yet agreed to the placement of the appropriate monuments delineating the Transfer Property. The surveyor has completed the perimeter survey of the Transfer Property and the parties have agreed on the location of the monuments defining the perimeter boundaries.

- C. The parties now desire to confirm the conveyance of the Transfer Property by reference to the legal description and plat attached to this Agreement.
- D. The parties also desire to confirm the location and boundaries of the "Ingress/Egress Easement Area" and the "Access Easement Area" all pursuant to the terms and conditions more particularly set forth below.

#### **AGREEMENT:**

For and in consideration of the consideration set forth in the Original Deed, and other good and valuable consideration, the receipt and sufficiency of which are acknowledged, the parties agree as follows:

Exhibit A to the Original Deed is hereby deleted in its entirety and Exhibit A-1 attached to this Agreement is substituted in its place and stead. Tarmac grants and conveys with special warranty to Virginia Power the real property ("Transfer Property") more particularly described in the legal description attached as Exhibit A-1 and as more particularly shown and described as "PARCEL '1' 144.1± ACRES" on a plat

("Plat") entitled "VIRGINIA ELECTRIC AND POWER CO. CHESTERFIELD POWER STATION PLAT TO ACCOMPANY DEED & EASEMENT AGREEMENT WITH TARMAC VIRGINIA, INC." dated August 2, 1995, and last revised September 18, 1995, prepared by Holly & Associates and is recorded in the Clerk's Office in Map Book 38, at page 79. Virginia Power accepts the Transfer Property as described in this Agreement and releases and reconveys to Tarmac any rights in and to the real property conveyed to Virginia Power pursuant to the Original Deed not expressly included in the description of the Transfer Property set forth in this Agreement.

- 2. Paragraph 2 of the Original Deed is deleted in its entirety and the following is substituted in its place and stead:
  - "2. Tarmac reserves a perpetual, nonexclusive easement ('Ingress/Egress Easement') for vehicular and pedestrian passage over, on and across those areas designated and shown as the '10' Access Road' and '10' Access Road Along Top Of Dam' on the Plat."
- 3. Paragraph 3 of the Original Deed is supplemented by insertion of the following sentence at the end of the existing paragraph:

"Tarmac further grants and conveys a temporary exclusive easement ('Access Easement') over, under, through and across that portion of the

Tarmac Property ('Access Easement Area') shown as 'PARCEL '2' ACCESS EASEMENT 0.204 Ac.' on the Plat for the purpose of gaining access to its monitoring wells located within the Access Easement Area and shall have such right to monitor, examine, maintain, repair and replace the monitoring wells located within the Access Easement Area.

Tarmac grants and conveys to Virginia Power a (b) nonexclusive utility easement ('Utility Easement') over, under, through and across that portion of the Tarmac Property ('Utility Easement Area') designated and shown as 'PARCEL 3 UTILITY EASEMENT 0.084 Ac.' on the Plat for the purpose of monitoring, examining, repairing, maintaining, installing and replacing a sump pump, underground and above ground utility lines, monitoring wells and related facilities. Virginia Power acknowledges that the Utility Easement granted pursuant to this paragraph is subject to the terms and conditions of an access easement previously granted by Tarmac to the County of Chesterfield, Virginia, for the purpose of ingress and egress ('Roadway') to the Henricus Park property located at the eastern terminus of the road which the Utility Easement is located upon. Virginia Power agrees to, and shall, notify Chesterfield County prior to undertaking any installation or repairs which would cause an interruption of the traffic flow on the Roadway into or out of the Henricus Park property and will use its best efforts to coordinate scheduling with

Chesterfield County so as to minimize the impact of Virginia Power's activities in the Utility Easement Area. Virginia Power shall promptly repair any damage to the Roadway arising from its use, operation, maintenance or repair of the Utility Easement so as to restore the Roadway to its approximate condition prior to Virginia Power undertaking repairs, replacement, installation, construction or replacement within the Utility Easement Area."

- 4. Notwithstanding anything in the Original Deed to the contrary, any reference to the "Access Easement Area" shall also be deemed to include the "Utility Easement Area" and any reference to the "Access Easement" shall also be deemed to include the "Utility Easement".
- 5. Virginia Power previously acquired certain real property (commonly known as the "Virginia Power Parcel") pursuant to a deed recorded in the Clerk's Office in Deed Book 581, page 189. The boundary line ("Boundary Line") between the Transfer Property and the Virginia Power Parcel located between the points marked "A" and "B" on the Plat has never been firmly defined. Tarmac and Virginia Power agree that Tarmac has conveyed to Virginia Power all property adjacent to or along the Boundary Line between the Transfer Property and the Virginia Power Parcel. Tarmac does not make any claim to any right, title except for the easements reserved in the Original Deed, as modified by this Agreement. Tarmac waives, releases and quitclaims all of its right, title

and interest, if any, and agrees not to make any claim to any property between the Transfer Property and the Virginia Power Property along the Boundary Line.

- 6. All of the terms and conditions of the Original Deed not expressly modified or amended by this Agreement shall remain in full force and effect.
- 7. To facilitate execution of this Agreement, this Agreement may be executed in counterparts. It shall not be necessary that the signature on behalf of each party appear on each counterpart. All counterparts or counterpart signature pages shall collectively constitute a single Agreement.

WITNESS the following signatures and seals:

By: (SEAL)

Its: President

TARMAC MID-ATLANTIC, INC.,

COMMONWEALTH OF VIRGINIA AT LARGE, to-wit:

The foregoing instrument was acknowledged before me in the City of Norfolk. Virginia, this like day of October.

1995, by John D. Carr, President of TARMAC MID-ATLANTIC, INC., a Delaware corporation, on its behalf.

Notary Public

(SEAL)

My Commission Expires:

July 31, 1997

VIRGINIA ELECTRIC AND POWER COMPANY, a public service corporation

\_(SEAL)

| 165  |                                      |
|--|--------------------------------------|
| By<br>Its:   | Assistant Corporate Secretary (SEAL) |
| COMMONWEALTH OF VIRGINIA<br>AT LARGE, to-wit:  |                                      |
| The foregoing instrument was acknown of the foregoing in the foregoing in the foregoin | Some Vice Presidents                 |
|  | Noter Public                         |
| (SEAL) My Commission Expires: 7/31/95  |                                      |
| COMMONWEALTH OF VIRGINIA<br>AT LARGE, to-wit:  |                                      |
| The foregoing instrument was acknown Virginia, this 1995, by . O . Company, Ass ELECTRIC AND POWER COMPANY, a public   | 20th day of bovenber.                |
| <u>L</u>   | Notary Public                        |
| (SEAL) My Commission Expires: $\pi/31/95$  |                                      |
| 0217066.06   |                                      |

7

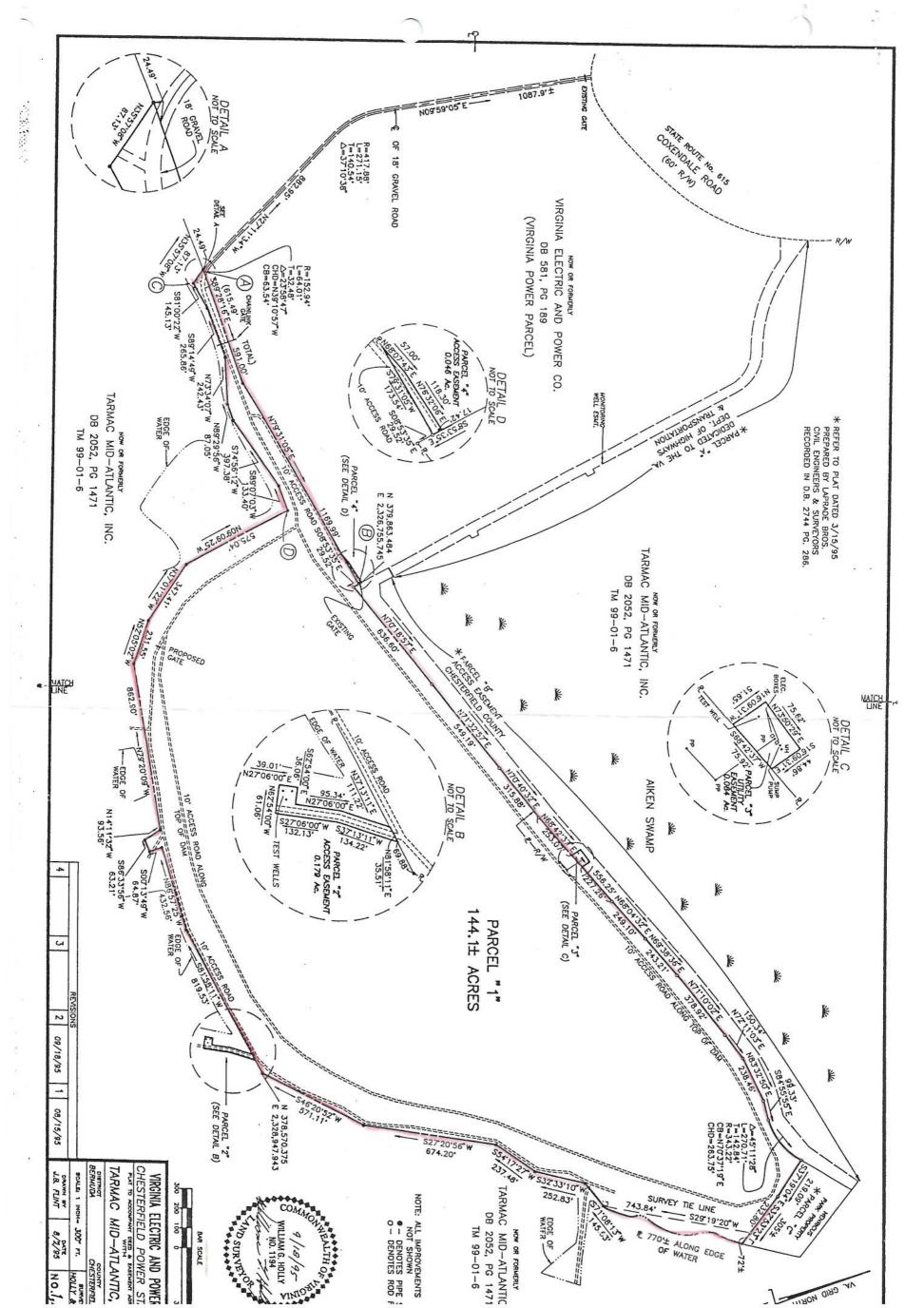
## BOOK 280 SPAGE 764 EXHIBIT A-1

Beginning at a point located at the intersection of the center line of an 18' ingress/egress easement with the Southern right of way line of Coxendale Road, being 60 feet in width, and from such point S 09° 59' 05" W 1,087.9 feet to a point; thence along an arc of a curve to the left having a radius of 417.88', a delta angle of 37° 10' 38", an arc distance of 271.15' to a point; thence S 27° 11' 34" E 882.95 feet a point; thence along an arc of a curve to the left having a radius of 152.94', a delta angle of 23° 58' 47", an arc distance of 64.01' to the true point of beginning; and from the true point of beginning S 89° 28' 16" E 591.00 feet to a pipe; thence N 79° 31' 05" E 1,169.99 feet to a rod; thence S 08° 53' 35" E 29.52 feet to a rod; thence N 70° 18' 57" E 636.60 feet to a rod; thence N 71° 32' 57" E 549.19 feet to a rod; thence N 70° 40' 32" E 315.88 feet to a rod; thence N 68° 42' 37" E 556.25 feet to a rod; thence N 68° 04' 32" E 249.10 feet to a rod; thence N 69° 38' 36" E 243.21 feet to a rod; thence N 71° 10' 02" E 378.92 feet to a rod; thence N 72° 11' 03" E 150.34 feet to a rod; thence N 83° 32' 50" E 238.46 feet to a rod; thence S 84° 55' 55" E 99.33 feet to a rod; thence along the arc of a curve to left having a radius of 343.22 feet (a chord bearing of N 70° 37" 19" E and a distance of 263.75 feet), an arc distance of 270.71' to a rod; thence S 37° 19' 04" E 219.09 feet to a rod; thence S 32° 53' 23" E 305+ feet to the edge of the river's mean low water line; thence meandering along the river's mean low water mark 770± feet to a pipe; thence S 71° 08' 13" W 145.63 feet to a pipe; thence S 32° 33' 10" W 252.83 feet to a pipe; thence S 54° 17' 27" W 237.48 feet to a pipe; thence S 27° 20' 56" W 674.20 feet to a pipe; thence S 46° 20' 52" W 571.11 feet to a pipe; thence S 81° 58' 11" W 819.53 feet to a pipe; thence N 86° 57' 25" W 432.56 feet to a pipe; thence S 00° 13' 49" W 64.87 feet to a pipe; thence S 86° 33'56" W 63.21 feet to a pipe; thence N 14° 11' 32" W 93.56 feet to a pipe; thence N 79° 20' 09" W 862.90 feet to a pipe; thence N 52° 05' 02" W 231.55 feet to a pipe; thence N 37° 01' 22" W 347.41 feet to a pipe; thence N 09° 09' 25" W 575.04 feet to a pipe; thence S 89° 07' 03" W 133.40 feet to a pipe; thence S 74° 56' 12" W 397.38 feet to a pipe; thence N 89° 29' 56" W 87.05 feet to a pipe; thence N 73° 34' 07" W 242.43 feet to a pipe; thence S 89° 14' 49" W 265.86 feet to a pipe; thence S 81° 00' 22" W 145.13 feet to a pipe; thence N 35° 57' 08" W 87.13 feet to a pipe; thence S 89° 28' 16" E 24.49 feet to the true point of beginning.

VIRGINIA:

IN THE CLERK'S OFFICE OF THE CIRCUIT COURT OF CHESTERFIELD COUNTY, THE 22 DAY OF JAN 1996, THIS DEED WAS PRESENTED AND WITH THE CERTIFICATE....ADMITTED TO RECORD AT 11:30 O'CLOCK, THE TAX IMPOSED BY SECTION 58.1-802 IN THE AMOUNT OF \$.00 HAS BEEN FAIL.

TESTE: JUDY L. WORTHI'NGTON: CLERK



## Attachment 6

Virginia SCC Certificate of Good Standing

# Commonwealthor Hirginia



## State Corporation Commission

#### CERTIFICATE OF GOOD STANDING

1 Certify the Following from the Records of the Commission:

That Virginia Electric and Power Company is duly incorporated under the law of the Commonwealth of Virginia;

That the corporation was incorporated on June 29, 1909;

That the corporation's period of duration is perpetual; and

That the corporation is in existence and in good standing in the Commonwealth of Virginia as of the date set forth below.

Nothing more is hereby certified.

SRORATION COMMISSION

Signed and Sealed at Richmond on this Date:

January 4, 2021

Bernard J. Logan, Clerk of the Commission

CERTIFICATE NUMBER: 2021010415309151

## **Attachment II**

Solid Waste Disposal Facility Part B Permit Application Form

Solid Waste Disposal Facility Part B Application, DEQ Form SW PTB

| VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY   |  | Solid Waste Permit No.   |  | SWP          |  |  |             |            |
|--|--|--|--|--------------|--|--|-------------|------------|
|  |  | New Facility   |  |              | Modification of existing Part B permit |  |             |            |
| Facility Name:   | Chesterfield Power Station,<br>Upper and Lower Ash Ponds |  |  | Type of      | Landfill:                              | CCR Surface Impoundr<br>- Closure by Removal |             |            |
| Facility Location:   | 500 Coxendale Rd Chesterfield County Virginia            |  |  |              |  |  |             |            |
| Contact Person:  | Dennis SI  | Dennis Slade   |  |              |  |  |             |            |
| Contact Number:  | 804-317-7  | 7079   | Contact                                      | E-mail:      | dennis.a.s                             | slade@dor                                    | minionener  | gy.com     |
| Owner Nam  | ne, Address.   | , and Phone  | :  | O            | perator Na                             | me, Addres                                   | s, and Phor | ne:        |
| Robert Sauer<br>Vice President, System Operations<br>600 East Canal Street<br>Richmond, VA 23219<br>804-273-3685 |  | Virginia Electric and Power Company<br>Dba Dominion Energy Virginia<br>120 Tredegar Street<br>Richmond, VA 23219<br>804-273-2658 |  |              |  |  |             |            |
| Total Property Ac  | reage:   | 151 (LAP); 142 (UA   |  | Facility     | Boundary Acreage:                      |  | 111 (LAP    | ); 113 (UA |
| Disposal Unit Boundary   | Disposal Unit Boundary Acreage: N/A                      |  | Total Capacity (cubic yards): 14,600,000 (to |              |  |  |             |            |
| Daily Disposal Limit: N/A  |  |  | Estimated Site Life (years): ~13 yrs for clo |              | closure                                |  |             |            |
| Hours of Operation: 0700-1700 (typical) 7 days/week (24-hr operations as needed) - For Closure                   |  |  |  |              |  |  |             |            |
| Types of Wastes to be Accepted (check all that apply)  |  |  |  |              |  |  |             |            |
| Agricultural Waste   |  | Contaminated Soil 1  |  |              |  | Municipal Solid Waste                        |             |            |
| Animal Carcasses   |  | Debris Waste   |  |              | Scrap Metal                            |  |             |            |
| Asbestos, friable  |  | Demolition Waste   |  |              | Sludge, industrial                     |  |             |            |
| Asbestos, non-friable  |  | Fossil Fuel Combustion Products  |  | X            | Sludge, POTW                           |  |             |            |
| Ash, non CCB/FFCP  |  | Household Waste  |  |              | Vegetative Waste                       |  |             |            |
| Commercial Waste   |  | Industrial Waste   |  |              | Waste Tires                            |  |             |            |
| Construction Waste   |  | Institutional Waste  |  |              | White Goods                            |  |             |            |
| Other Special Wastes 1   |  | Please list:   |  |              |  |  |             |            |
| Does this f  | facility use   | or propose   | e to use alt                                 | ernate cov   | er materia                             | ls? (Yes or No)                              |             | No         |
| If yes list material(s): N/A - CCR ponds are being closed by removal   |  |  |  |              |  |  |             |            |
|  |  |  |  |              |  |  |             |            |
| Solid Waste Management Activities (check all that apply)   |  |  |  |              |  |  |             |            |
| Convenience Center   |  | Material Salvage   |  |              | Opening                                | Burning                                      |             |            |
| Household Hazardous<br>Waste Collection  |  | Tire Processing (Chipping, Shredding, etc.)  |  |              | Landfill                               | Mining                                       |             |            |
| Mulching   |  | Other  |  | Please List: | N/A                                    |  |             |            |

DEQ Form SW PTB 1 Revised March 4, 2011

| Sanitary Landfill N/A CDD or Industrial Landfills N/A  Subtitle D Liner (9VAC20-81-130J.1.a)   Compacted Clay (9VAC20-81-130J.2.a)   Pre-approved Alternate (9VAC20-81-130J.1.b)   Additional Alternate (9VAC20-81-130J.1.c)   Additional Alternate (9VAC20-81-130J.1.c)   Alternate Liner (9VAC20-81-130J.2.d)   Double Liner (9VAC20-81-130J.2.d)   Double Liner (9VAC20-81-130J.2.d)   Double Liner (9VAC20-81-130J.2.d)   Pre-approved Alternate (9VAC20-81-160D.2.c)   Leachate Recirculation a   Pre-approved Alternate (9VAC20-81-160D.2.d)   Discharged directly to WWTP   Pre-approved Alternate (9VAC20-81-160D.2.d)   Treated onsite and discharged γ   Additional Alternate (9VAC20-81-160D.2.d)   Transported by a vehicle to an offsite WWTP   Additional Alternate (9VAC20-81-160D.2.f)   Transported by a vehicle to an offsite WWTP   Additional Alternate (9VAC20-81-160D.2.f)   Transported by a vehicle to an offsite WWTP   Additional Alternate (9VAC20-81-160D.2.f)   Transported by a vehicle to an offsite wwTP   Transported by a vehicle to an  | Liner Design (check all that apply)  |   |  |  |        |  |
|--|--|---|--|--|--------|--|
| Pre-approved Alternate (9VAC20-81-130J.1.b)   Synthetic Liner (9VAC20-81-130J.2.b)   Additional Alternate (9VAC20-81-130J.1.c)   Alternate Liner (9VAC20-81-130J.2.c)   In-Place Soil (9VAC20-81-130J.2.c)   In-Place Soil (9VAC20-81-130J.2.c)   Double Liner (9VAC20-81-130J.2.c)   Double Liner (9VAC20-81-130J.2.c)   Final Cover Design (check all that apply) N/A  | Sanitary Landfill N/A  |   |  | CDD or Industrial Landfills N/A  |        |  |
| Additional Alternate (9VAC20-81-130J.1.c)   Alternate Liner (9VAC20-81-130J.2.c)   In-Place Soil (9VAC20-81-130J.2.c)   In | Subtitl  | e D Liner (9VAC20-81-130.J.1.a)   |  | Compacted Clay (9VAC20-81-130.J.2.a)   |        |  |
| In-Place Soil (9VAC20-81-130,1,2.d) 3   Double Liner (9VAC20-81-130,1,2.e) 4   Double Liner (9VAC20-81-130,1,2.e) 5   Double Liner (9VAC20-81-130,1,2.e) 6   Double Liner (9VAC20-81-130,1,2.e) 6   Double Liner (9VAC20-81-130,1,2.e) 6   Double Liner (9VAC20-81-130,1,2.e) 7   Double Liner (9VAC20-81-130,1,2.e) 7   Double Liner (9VAC20-81-130,1,2.e) 8   Double Liner (9VAC20-81-130,1,2.e) 9   Double Liner (9VAC20-81-140,1,2.e) 9   Double Liner (9   | Pre-approv   | ved Alternate (9VAC20-81-130.J.1.b)   |  | Synthetic Liner (9VAC20-81-130.J.2.b)  |        |  |
| Double Liner (9VAC20-81-130.J.2.e) 4   | Additiona  | l Alternate (9VAC20-81-130.J.1.c) <sub>2</sub>  |  | Alternate Liner (9VAC20-81-130.J.2.c) <sub>2</sub>   |        |  |
| Final Cover Design (check all that apply) N/A  Standard Final Cover (9VAC20-81-160.D.2.c)   Leachate Management (check all that apply) N/A  Standard Final Cover (9VAC20-81-160.D.2.c)   Leachate Recirculation 6      Pre-approved Alternate (9VAC20-81-160.D.2.c)   Discharged directly to WWTP      Pre-approved Alternate (9VAC20-81-160.D.2.c)   Treated onsite and discharged 7      Additional Alternate (9VAC20-81-160.D.2.c)   Transported by a vehicle to an offsite WWTP      Additional Alternate (9VAC20-81-160.D.2.c)   Transported by a vehicle to an offsite WWTP      Other method 8   Other method 8   Other method 8    Stamp Professional Engineer in space provided, meaning to the best of my knowledge, information and belief, the selected landfill liner and final cover designs are, in my professional opinion, suitable for the above named facility based on site specific conditions and engineering principles. The designs proposed in the following Antacharens are in compliance with applicable laws, codes, and ordinances.  Does this application include a Research Development and Demonstration Plan? (Yes or No), No  The addition of liquids in addition to leachate and gas condensate from the same landfill for accelerated decomposition of the waste mass.      Allowing run-on water to flow into the landfill waste mass.      Allowing testing of the construction and infiltration performance or alternative final cover systems.      Allowing testing of the construction and infiltration performance or alternative final cover systems.      These waste types require additional information, which should be included in Attachment XIII to receive approval.    Alternate liner demonstration must be included in Attachment XVI.    These waste types require additional information, which should be included in Attachment XVI.    A Witness zone monitoring program must be included in the final must be included in Attachment XVII.    To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachm |  |   | •  | In-Place Soil (9VAC20-81-130.J.2.d) <sub>3</sub>   |        |  |
| Stamp Professional Engineer in space provided, meaning to the best of my knowledge, information and belief, the selected landfill liner and final cover designs are, in my professional opinion, suitable for the above named facility based on site specific conditions and engineering principles. The designs proposed in the following Attachments are in compliance with applicable laws, codes, and ordinances.    Stamp Professional Engineer in space provided, meaning to the best of my knowledge, information and belief, the selected landfill liner and final cover designs are, in my professional opinion, suitable for the above named facility based on site specific conditions and engineering principles. The designs proposed in the following Attachments are in compliance with applicable laws, codes, and ordinances.    Does this application include a Research Development and Demonstration Plan? (Yes or No).   No   The addition of liquids in addition to leachate and gas condensate from the same landfill for accelerated decomposition of the waste mass.  |  |   |  | Double Liner (9VAC20-81-130.J.2.e) <sub>4</sub>  |        |  |
| Pre-approved Alternate (9VAC20-81-160.D.2.d)   Discharged directly to WWTP   Pre-approved Alternate (9VAC20-81-160.D.2.e)   Treated onsite and discharged 7   Additional Alternate (9VAC20-81-160.D.2.f) 5   Transported by a vehicle to an offsite WWTP    Additional Alternate (9VAC20-81-160.D.2.f) 5   Other method 8    Stamp Professional Engineer in space provided, meaning to the best of my knowledge, information and helief, the selected landfill liner and final cover designs are, in my professional opinion, suitable for the above named facility based on sire specific conditions and engineering principles. The designs proposed in the following Natchements are in compliance with applicable laws, codes, and ordinance.  **Does this application include a Research Development and Demonstration Plan? (Yes or No)   No    The addition of liquids in addition to leachate and gas condensate from the same landfill for accelerated decomposition of the waste mass.  Allowing run-on water to flow into the landfill waste mass.  Allowing testing of the construction and infiltration performance or alternative final cover systems.  Other measures to be taken to enhance stabilization of the waste mass.  Does this application include a variance request(s) to regulatory requirements? (Yes or No)   No    If yes list regulatory citation(s):  Footnotes:  1 These waste types require additional information, which should be included in Attachment XIII to receive approval.  2 Alternate liner demonstration must be included on the Site Monitoring Plan in Attachment XV.  4 Witness zone monitoring program must be included on the Site Monitoring Plan in Attachment III.  5 Toeterove approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan nust be included in Attachment VIII.  5 To receive approval for the proposed method must be included in Attachment VIII.  5 A description of the proposed method must be included in Attachment VIII.                   | Final  | Cover Design (check all that a  | pply) N/A  | Leachate Management (check all that apply) N/  |        |  |
| Pre-approved Alternate (9VAC20-81-160.D.2.e)   | Standard 1   | Final Cover (9VAC20-81-160.D.2.c)   |  | Leachate Recirculation 6   |        |  |
| Additional Alternate (9VAC20-81-160.D.2.f) 5   | Pre-approv   | ed Alternate (9VAC20-81-160.D.2.d)  |  | Discharged directly to WWTP  |        |  |
| Stamp Professional Engineer in space provided, meaning to the best of my knowledge, information and belief, the selected landfill liner and final cover designs are, in my professional opinion, suitable for the above named facility based on site specific conditions and engineering principles. The designs proposed in the following Attachments are in compliance with applicable laws, codes, and ordinances.    Does this application include a Research Development and Demonstration Plan? (Yes or No) <sub>9</sub>   No  | Pre-approv   | red Alternate (9VAC20-81-160.D.2.e)   |  | Treated onsite and discharged 7  |        |  |
| Stamp Professional Engineer in space provided, meaning to the best of my knowledge, information and belief, the selected landfill liner and final cover designs are, in my professional opinion, suitable for the above named facility based on site specific conditions and engineering principles. The designs proposed in the following Attachments are in compliance with applicable laws, codes, and ordinances.    Does this application include a Research Development and Demonstration Plan? (Yes or No) <sub>9</sub> No   The addition of liquids in addition to leachate and gas condensate from the same landfill for accelerated decomposition of the waste mass.   Allowing run-on water to flow into the landfill waste mass.   Allowing testing of the construction and infiltration performance or alternative final cover systems.   Other measures to be taken to enhance stabilization of the waste mass.   Does this application include a variance request(s) to regulatory requirements? (Yes or No) No   If yes list regulatory citation(s):   Footnotes:   These waste types require additional information, which should be included in Attachment XIII to receive approval. 2- Alternate liner demonstration must be included in Attachment XIV.   3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment III.   4- Witness zone monitoring program must be included in Attachment XVI.   4- Witness zone monitoring program must be included in Attachment XVI.   5- Alternate final cover demonstration must be included in Attachment XVII.   6- To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVIII.   7- To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII.   8- A description of the proposed method must be included in Attachment VIII.  | Additiona  | l Alternate (9VAC20-81-160.D.2.f) <sub>5</sub>  |  | Transported by a vehicle to an offsite WWTP  |        |  |
| The addition of liquids in addition to leachate and gas condensate from the same landfill for accelerated decomposition of the waste mass.    Allowing run-on water to flow into the landfill waste mass.   Allowing testing of the construction and infiltration performance or alternative final cover systems.   Other measures to be taken to enhance stabilization of the waste mass.   Does this application include a variance request(s) to regulatory requirements? (Yes or No)   No  |  |   |  | Other method <sub>8</sub>  |        |  |
| The addition of liquids in addition to leachate and gas condensate from the same landfill for accelerated decomposition of the waste mass.  Allowing run-on water to flow into the landfill waste mass.  Allowing testing of the construction and infiltration performance or alternative final cover systems.  Other measures to be taken to enhance stabilization of the waste mass.  No boes this application include a variance request(s) to regulatory requirements? (Yes or No)  No  If yes list regulatory citation(s):  Footnotes:  1 - These waste types require additional information, which should be included in Attachment XIII to receive approval.  2 - Alternate liner demonstration must be included in Attachment XIV.  3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment XV.  4 - Witness zone monitoring program must be included on the Site Monitoring Plan in Attachment III.  5 - Alternate final cover demonstration must be included in Attachment XVI.  6 - To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVII.  7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII.  8 - A description of the proposed method must be included in Attachment VIII.  | my professional opinion, suitable for the above named facility based on site specific conditions and engineering principles. The designs proposed in the following |   |  |  |        |  |
| If yes:  Allowing run-on water to flow into the landfill waste mass.  Allowing testing of the construction and infiltration performance or alternative final cover systems.  Other measures to be taken to enhance stabilization of the waste mass.  Destriction include a variance request(s) to regulatory requirements? (Yes or No)  No  If yes list regulatory citation(s):  Footnotes:  1 - These waste types require additional information, which should be included in Attachment XIII to receive approval.  2 - Alternate liner demonstration must be included in Attachment XIV.  3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment XV.  4 - Witness zone monitoring program must be included on the Site Monitoring Plan in Attachment III.  5 - Alternate final cover demonstration must be included in Attachment XVI.  6 - To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVII.  7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII.  8 - A description of the proposed method must be included in Attachment VIII.  | Does this application include a Research Development and Demonstration Plan? (Yes or No) <sub>9</sub> No   |   |  |  |        |  |
| Allowing testing of the construction and infiltration performance or alternative final cover systems.  Other measures to be taken to enhance stabilization of the waste mass.  Does this application include a variance request(s) to regulatory requirements? (Yes or No)  No  If yes list regulatory citation(s):  Footnotes:  1 - These waste types require additional information, which should be included in Attachment XIII to receive approval.  2 - Alternate liner demonstration must be included in Attachment XIV.  3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment XV.  4 - Witness zone monitoring program must be included on the Site Monitoring Plan in Attachment III.  5 - Alternate final cover demonstration must be included in Attachment XVI.  6 - To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVII.  7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII.  8 - A description of the proposed method must be included in Attachment VIII.  |  |   |  |  |        |  |
| Allowing testing of the construction and infiltration performance or alternative final cover systems.  Other measures to be taken to enhance stabilization of the waste mass.  No  The set is application include a variance request(s) to regulatory requirements? (Yes or No)  No  If yes list regulatory citation(s):  Footnotes:  1 - These waste types require additional information, which should be included in Attachment XIII to receive approval.  2 - Alternate liner demonstration must be included in Attachment XIV.  3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment XV.  4 - Witness zone monitoring program must be included in Attachment XVI.  6 - To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVII.  7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII.  8 - A description of the proposed method must be included in Attachment VIII.  | If was:  | Allowing run-on water to flow into the landfill waste mass.   |  |  |        |  |
| Does this application include a variance request(s) to regulatory requirements? (Yes or No)  If yes list regulatory citation(s):  Footnotes:  1 - These waste types require additional information, which should be included in Attachment XIII to receive approval.  2 - Alternate liner demonstration must be included in Attachment XIV.  3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment XV.  4 - Witness zone monitoring program must be included on the Site Monitoring Plan in Attachment III.  5 - Alternate final cover demonstration must be included in Attachment XVI.  6 - To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVII.  7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII.  8 - A description of the proposed method must be included in Attachment VIII.   | ii yes.  |   |  | •  |        |  |
| Does this application include a variance request(s) to regulatory requirements? (Yes or No)  If yes list regulatory citation(s):  Footnotes:  1 - These waste types require additional information, which should be included in Attachment XIII to receive approval.  2 - Alternate liner demonstration must be included in Attachment XIV.  3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment XV.  4 - Witness zone monitoring program must be included on the Site Monitoring Plan in Attachment III.  5 - Alternate final cover demonstration must be included in Attachment XVI.  6 - To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVII.  7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII.  8 - A description of the proposed method must be included in Attachment VIII.   |  |   |  |  |        |  |
| If yes list regulatory citation(s):  Footnotes:  1 - These waste types require additional information, which should be included in Attachment XIII to receive approval.  2 - Alternate liner demonstration must be included in Attachment XIV.  3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment XV.  4 - Witness zone monitoring program must be included on the Site Monitoring Plan in Attachment III.  5 - Alternate final cover demonstration must be included in Attachment XVI.  6 - To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVII.  7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII.  8 - A description of the proposed method must be included in Attachment VIII.  | Doe  |   |  |  | No     |  |
| Footnotes:  1 - These waste types require additional information, which should be included in Attachment XIII to receive approval.  2 - Alternate liner demonstration must be included in Attachment XIV.  3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment XV.  4 - Witness zone monitoring program must be included on the Site Monitoring Plan in Attachment III.  5 - Alternate final cover demonstration must be included in Attachment XVI.  6 - To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVII.  7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII.  8 - A description of the proposed method must be included in Attachment VIII.   | If yes list  | regulatory  |  |  |        |  |
| 1 - These waste types require additional information, which should be included in Attachment XIII to receive approval. 2 - Alternate liner demonstration must be included in Attachment XIV. 3 - Laboratory test results documenting permeability of in-place soil must be included in Attachment XV. 4 - Witness zone monitoring program must be included on the Site Monitoring Plan in Attachment III. 5 - Alternate final cover demonstration must be included in Attachment XVI. 6 - To receive approval for recirculation the irrigated area must be a Sanitary Landfill and underlain by a composite liner or a Research, Development, or Demonstration Plan must be included in Attachment XVII. 7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII. 8 - A description of the proposed method must be included in Attachment VIII.  |  | on(s):  |  |  |        |  |
| 7 - To receive approval for discharge of leachate to surface water an approved VPDES permit must be included in Attachment VIII. 8 - A description of the proposed method must be included in Attachment VIII.   | 1 - These was 2 - Alternate 3 - Laborator 4 - Witness z 5 - Alternate 6 - To receive   | liner demonstration must be included in<br>y test results documenting permeability<br>one monitoring program must be included<br>final cover demonstration must be included<br>approval for recirculation the irrigated | Attachment X of in-place soiled on the Site ded in Attachrarea must be a | XIV.  Il must be included in Attachment XV.  Monitoring Plan in Attachment III.  nent XVI.  a Sanitary Landfill and underlain by a composite liner | · or a |  |
|  |  |   |  |  |        |  |

DEQ Form SW PTB 2 Revised March 4, 2011

| Attachments. The following attachments must be submitted in the order prescribed                              |  |  |  |  |
|---|--|--|--|--|
| Attachment I: Notice of Intent  |  |  |  |  |
| Attachment II: VDOT Adequacy Report and Approval Letter (If increasing Daily Disposal Limit) - Not Applicable |  |  |  |  |
| Attachment III: Design Plans (Drawings)   |  |  |  |  |
| Attachment IV: Closure Plan   |  |  |  |  |
| Attachment V: Post Closure Plan - Not Applicable - due to ponds being closed by removal                       |  |  |  |  |
| Attachment VI: Design Report - Not Applicable   |  |  |  |  |
| Attachment VII: Construction Quality Assurance (CQA) Plan and Technical Specifications Not Applicable         |  |  |  |  |
| Attachment VIII: Leachate Management Plan - Not Applicable  |  |  |  |  |
| Attachment IX: Landfill Gas Plans - Not Applicable  |  |  |  |  |
| Attachment X: Groundwater Monitoring Plan   |  |  |  |  |
| Attachment XI: Groundwater Corrective Action Plan - Not Applicable  |  |  |  |  |
| Attachment XII: Financial Assurance Documentation - Not Appliable   |  |  |  |  |
| Attachment XIII: Special Waste Documentation - Not Applicable   |  |  |  |  |
| Attachment XIV: Alternate Liner Demonstration - Not Applicable  |  |  |  |  |
| Attachment XV: Laboratory Test Results Documenting Permeability of In-place Soils - Not Applicable            |  |  |  |  |
| Attachment XVI: Alternate Final Cover Demonstration - Not Applicable  |  |  |  |  |
| Attachment XVII: Research, Development, and Demonstration Plan - Not Applicable                               |  |  |  |  |

### **Responsible Official Signature:**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete.

| Robert W. Sauer  | VP System Operations  |  |
|--|-----------------------|--|
| Name:  | Title:                |  |
| Robert W. Sauer Signature:  Robert W. Sauer (Dec 18, 2020 09:34 EST) | Dec 18, 2020<br>Date: |  |

#### **Attachment III**

**Drawings for LAP and UAP Closure** 

## CONTACT INFORMATION

**DOMINION ENERGY** CHRIS M. GEE 600 E. CANAL ST **RICHMOND. VIRGINIA 23219** 

PHONE: (804) 205-0527 FAX: (804) 273-2876 EMAIL: CHRIS.M.GEE@DOMINIONENERGY.COM

ENGINEER:

AECOM GABE LANG, P.E.

AECOM 1600 PERIMETER PARK DR MORRISVILLE, NC 27560 919-461-1344

EMAIL: GABE.LANG@AECOM.COM

# DOMINION ENERGY

# CHESTERFIELD POWER STATION

CLOSURE PLAN - LOWER ASH POND

PERMIT APPLICATION DRAWINGS NOT FOR CONSTRUCTION CHESTERFIELD COUNTY, VIRGINIA

NOVEMBER 13, 2020

# LAT/LONG: 37.3737°N/77.3795°W LOWER ASH POND SITE

SOURCE: 2013 USGS VIRGINIA QUAD MAPS: CHESTER, DREWRY'S BLUFF, DUTCH GAP AND HOPEWELI

VICINITY MAP

**GRAPHIC SCALE** 

# DWG DESCRIPTION

001 **COVER SHEET** 

009 010

N 37° 22' 20.54"

W 77° 22' 30.84"

W1, W2, E1

NO.

EXISTING CONDITIONS AND UTILITY PLAN **DEMOLITION PLAN** ESTIMATED BOTTOM OF CCR MATERIAL PLAN FINAL GRADING PLAN EROSION AND SEDIMENT CONTROL PLAN FINAL GRADING PROFILE AND CROSS SECTIONS LAYOUT PLAN FINAL GRADING PROFILES AND CROSS SECTIONS I FINAL GRADING PROFILES AND CROSS SECTIONS II PROPOSED STORMWATER STRUCTURES

FINAL GRADING AND STORMWATER DETAILS

DAM DECOMMISSIONING CROSS SECTIONS

DAM DECOMMISSIONING PLAN

**VSMP COMPLIANCE** 

WATER QUALITY COMPLIANCE IN ACCORDANCE WITH 9VAC25-870-65 IS ACHIEVED THROUGH THE CHIAP PROJECT VSMP VAR10G662.

THIS PROJECT IS COVERED UNDER THE UMBRELLA VSMP VAR10G662

#### **GENERAL SITE INFORMATION** PARCEL ADDRESS (AS RECORDED 701 COXENDALE ROAD IN CHESTERFIELD COUNTY GIS): CHESTER, VIRGINIA 23836 LAT-LONG: 37.3737°N 77.3795°W TAX ID: 808-6612255-00000 **GPIN NUMBER:** 8086612255 OFFSITE LAND DISTURBANCE COUNTY LAND DISTURBANCE A CHESTERFIELD COUNTY LAND DISTURBANCE PERMIT: PERMIT IS REQUIRED FOR THIS PROJECT VIRGINIA STORMWATER MANAGEMENT PROGRAM PERMIT FLOODPLAIN: FLOOD ZONE A AS DEFINED BY THE FEDERAL PANELS 51041C0335D AND 51041C0169D. EFFECTIVE DATE: DECEMBER 18, 2012. NAME OF RECEIVING WATERS VA HU6 FOUR-DIGIT WATERSHED | JL06 CODE VA HU6 TWELVE-DIGIT 020802060106 WATERSHED CODE EXISTING FIRE HYDRANT LOCATION SUFFICIENT FOR THIS PROJECT WETLANDS: WETLANDS AND RPA FIELD DELINEATED BY GOLDER

# ZONING/LAND USE INFORMATION MAGISTERIAL DEVELOPMENT BERMUDA

ZONING/LAND USE OF AREA IN I-3 (HEAVY INDUSTRIAL) QUESTION: EXISTING ZONING/LAND USE OF I-3 (HEAVY INDUSTRIAL) WHOLE PROPERTY (PER CITIZEN GIS, 2010): LAND USE (PER CITIZEN GIS 2010) **INDUSTRIAL 151 ACRES VPDES PERMIT NUMBER** VA0004146

FOR APPROVAL UNDER SECTION 404 AND 401 OF THE CLEAN WATER ACT AND THE VIRGINIA TIDAL WETLANDS ACT THROUGH A PENDING MINOR PERMIT MODIFICATION REQUEST - CHESTERFIELD POWER STATION FOSSIL FUEL COMBUSTION PRODUCTS MANAGEMENT FACILITY, DEPARTMENT OF THE ARMY PERMIT NO. 2007-02441; 10-V1787 AND VIRGINIA WATER PROTECTION PERMIT NO. 10-1787. THESE PLANS MAY REQUIRE MODIFICATIONS PENDING PERMIT CONDITIONS AS REQUIRED BY FEDERAL OR STATE REVIEW AGENCIES. PERMIT CONDITIONS AMENDED TO THE PLANS SHALL BE FOLLOWED.

15SN0647

0

DFTR: AMC

CHKD: RJB

ENGR: GWL

#### CBPA COMPLIANCE

A. TIDAL WETLANDS MINIMALLY IMPACTED

NON-TIDAL WETLANDS PERMITTED VIA USACE JD #NAO-2007-02441

ZONING CASE(S)

C. TIDAL SHORES NOT IMPACTED

VEGETATED CONSERVATION AREA WITHIN 100 FEET OF PROPERTY LINE NOT IMPACTED 100-YEAR FLOODPLAIN NOT FILLED

HIGHLY ERODIBLE SOILS OR STEEP SLOPES SHOWN ON PLANS AND PROTECTED BY

EROSION AND SEDIMENT CONTROL MEASURES SHOWN IN THIS SITE PLAN

THE PURPOSE OF THE PROJECT IS TO COMPLY WITH THE FEDERAL CCR RULE TO PERMANENTLY CLOSE THE EXISTING CCR IMPOUNDMENT. WATER QUALITY COMPLIANCE IN ACCORDANCE WITH 9VAC 25-870-65.

THIS PROJECT WILL HAVE A LAND DISTURBANCE GREATER THAN 2,500 S.F.; THEREFORE THE VSMP REGULATIONS FOR STORMWATER ARE APPLICABLE AND ADMINISTERED BY THE COUNTY

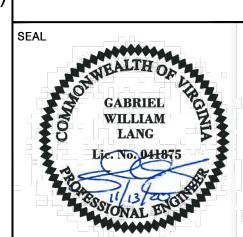
CALL MISS UTILITY **BEFORE DIGGING** 1-800-552-7001

# PREPARED FOR: DOMINION ENERGY (OWNER 500 COXENDALE RD

CHESTER, VA 23836

# PREPARED BY:

**AECOM** 4840 COX RD GLEN ALLEN, VA 23060



AECOM

**COVER SHEET** 

CHESTERFIELD POWER STATION CLOSURE PLAN - LOWER ASH POND CHESTERFIELD COUNTY, VIRGINIA

PERMIT APPLICATION DRAWINGS



|                     | SCALE: NONE      |  |  |  |
|---------------------|------------------|--|--|--|
| Dominion<br>Energy® | DWG TYPE:.DWG    |  |  |  |
|                     | JOB NO: 60614683 |  |  |  |
|                     | DATE: 11/13/2020 |  |  |  |

APPD: GWL 001 COVER SHEET.DWG DWG SIZE DRAWING NO. REVISION ANSI D

Site Area (Acres) 116 +/-Outfall W1 Outfall W2 Outfall E1 Outfall E2 Outfall E3 Drainage Area (Acres) 10.7 15.6 Runoff Reduction (cf 0 Natural Natural Natural N/A Channel Protection Compliance Method N/A N/A N/A Flood Protection Compliance Method 1 - Year | 2 - Year | 10 - Year | 1 - Year | 2 - Year | 10 - Year | 1 - Year | 2 - Year | 10 - Year N/A CN Existing N/A RV<sub>Existing</sub> (AC-FT) N/A N/A N/A N/A N/A N/A CN Developed 5.96 1.62  $V_{Developed}$  (ft/s) 6.87 7.28 6.51 | 6.90 | 7.73 4.98 5.35 6.09 3.64 4.43 4.17

N 37° 22' 43.44"

W 77° 22' 40.89"

W 77° 22' 33.23"

utfalls 30 inches in diameter

**Stormwater Outfall Table** 

(IN FEET)

Not computed since the existing condition was a regulated basin. Location of BMP (Lat/Long) Site Area (acres) 116 +/-A BMP is not needed because the TP Required Removal for the Site (lbs) load is zero following the VRRM James River Receiving water Total Load Removed (lbs) BMP Service Area (list sections/phases) 20802 VAHUC6 **Dominion Virginia Power** Offset Generating Facility Design Removal Efficiency (% MS4 Operator Amount of Phosphorus Purchased (lbs) Drainage Area Used for Sizing BMP (ac) Not Required \* Equivalent Nitrogen Amount (lbs) Previous Acres Treated Downstream BMP Treatment Volume (cf Location of storm sewer

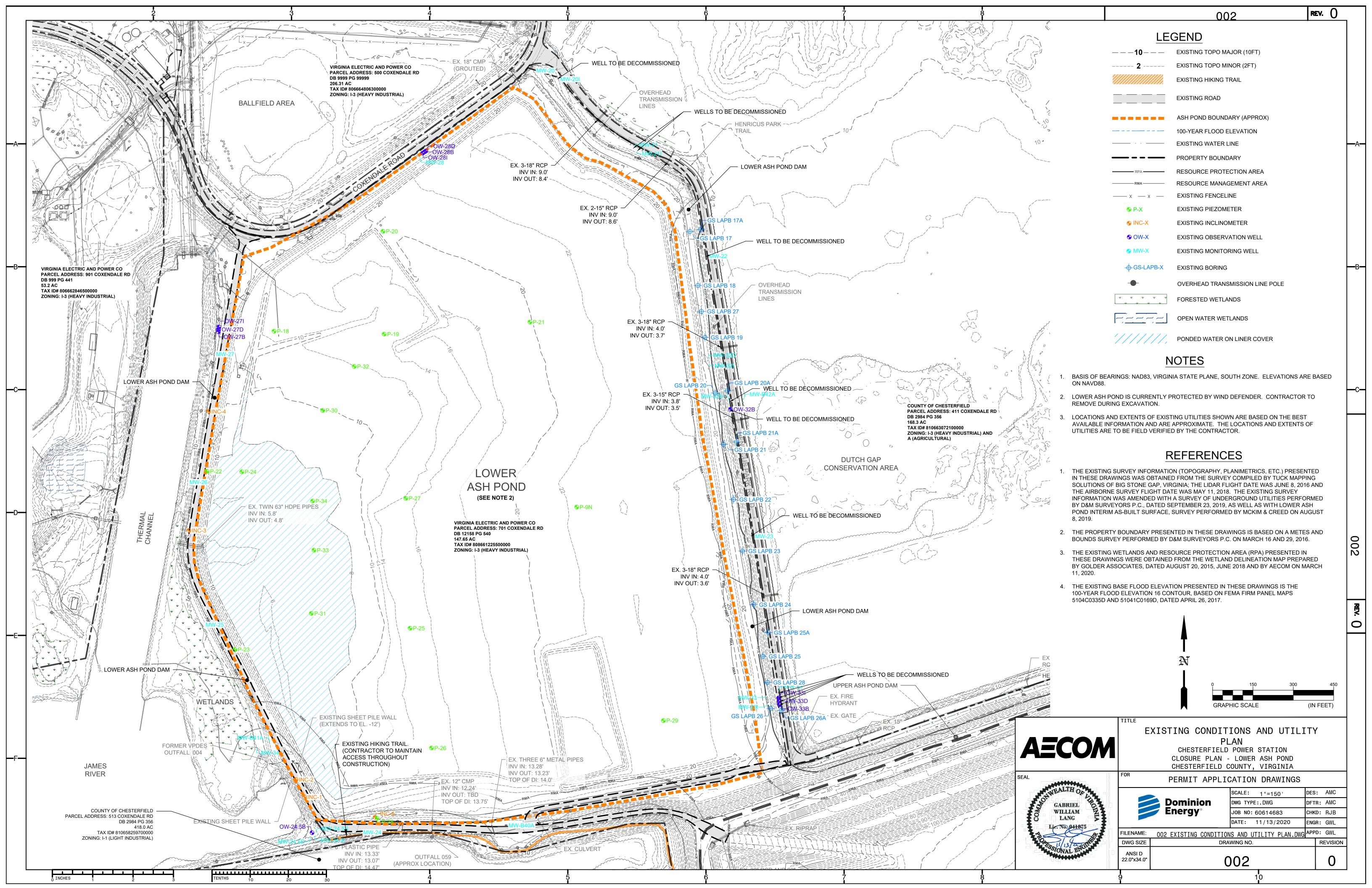
Load Removed (lbs 8-digit HUC of Generating Facility \* The Farrar Gut is considered a category 4A water, and so a TMDL s not required because the TMDL for specific pollutant(s) is complete

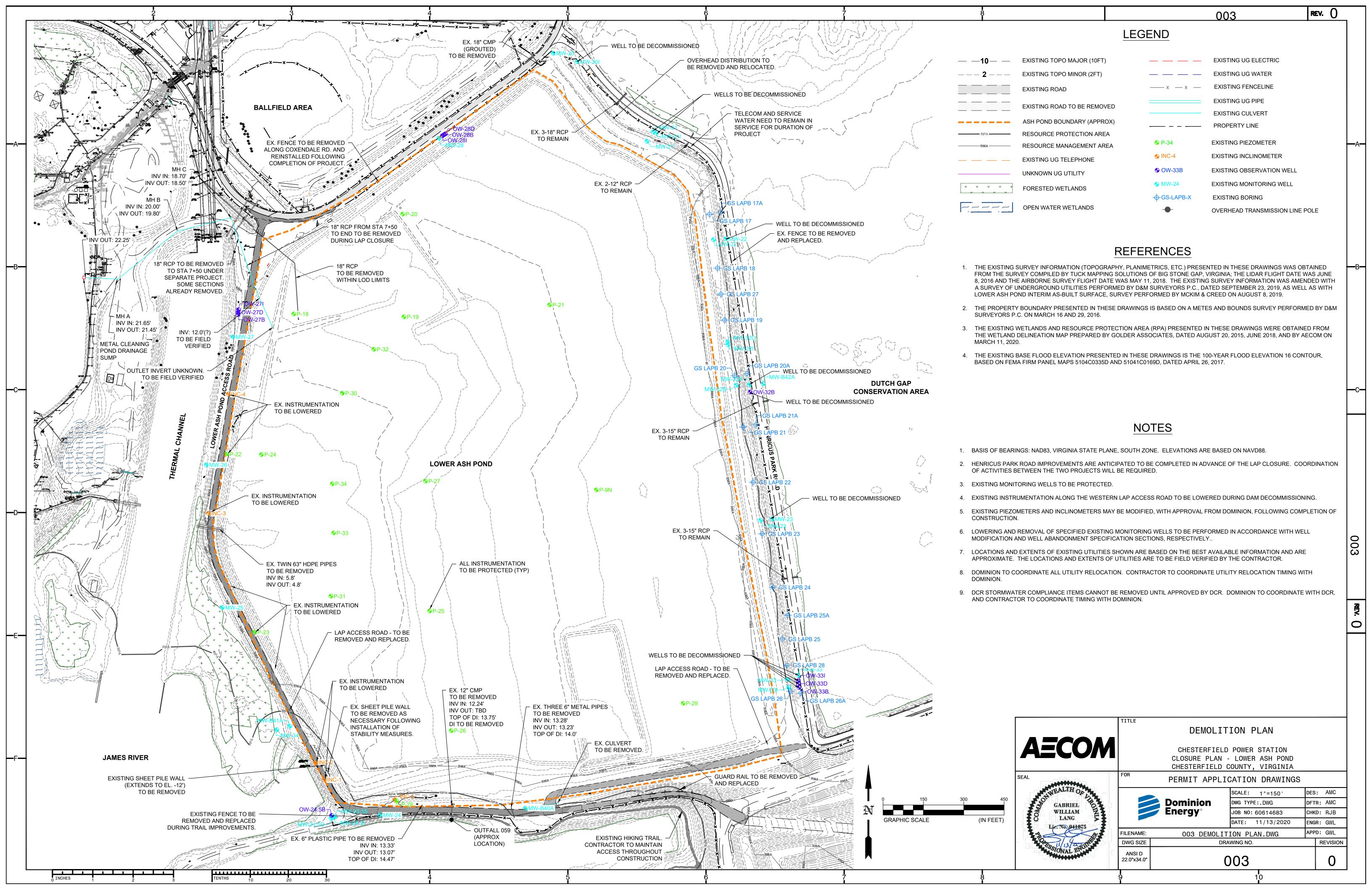
Outfall Location (Lats/Long)

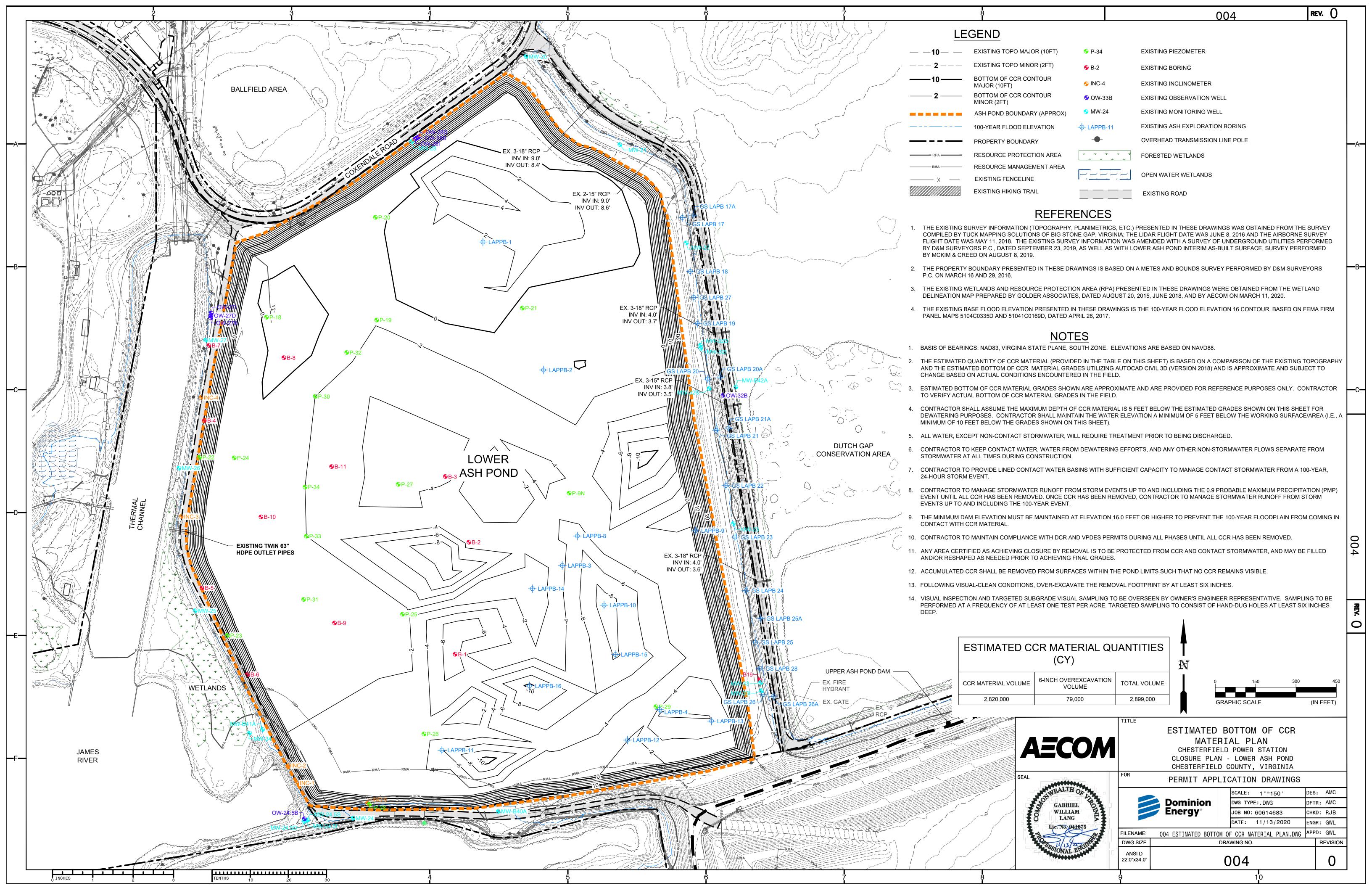
**DISTURBED AREA ACREAGE:** 

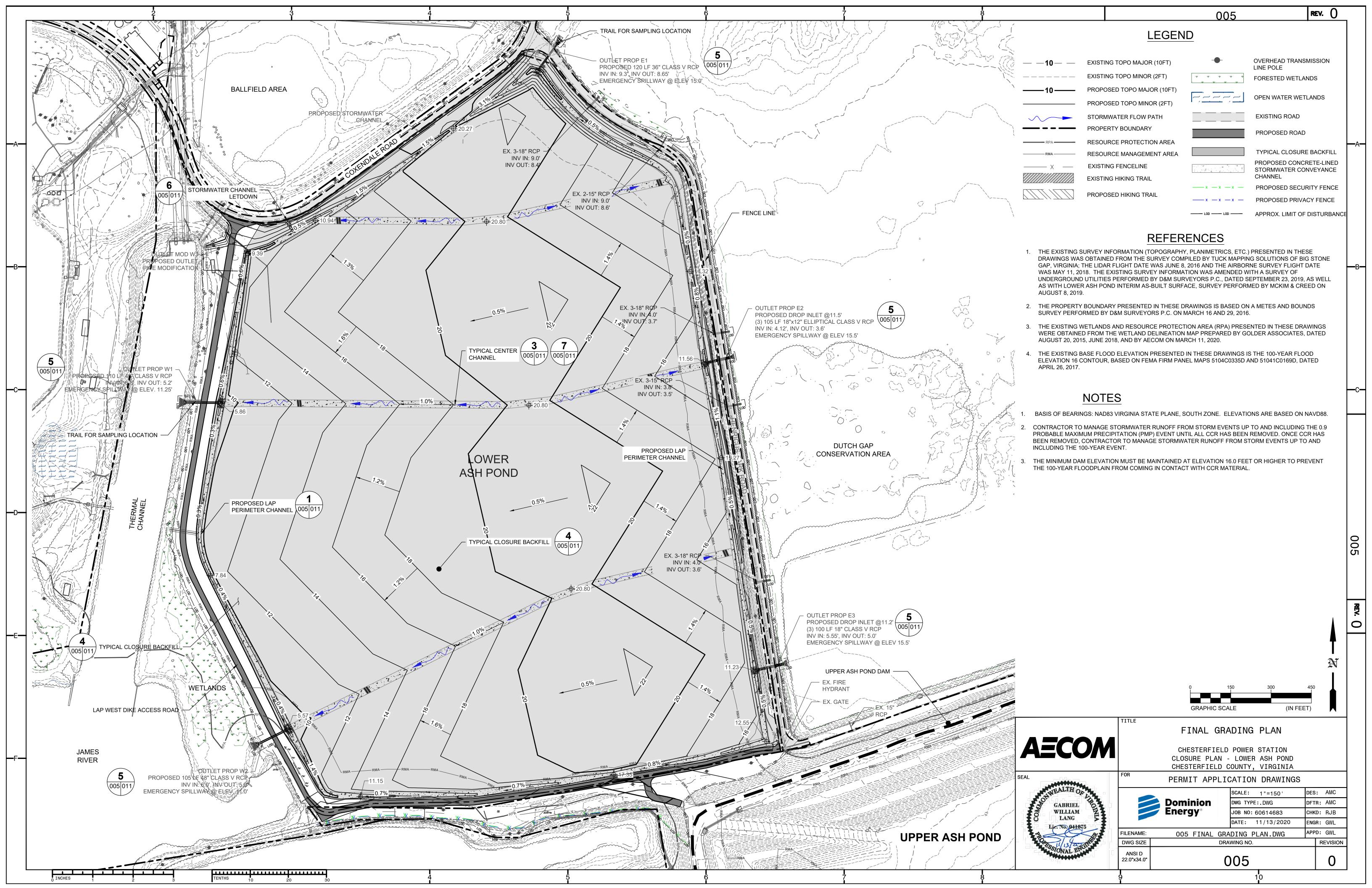
N 37° 22' 17.83"

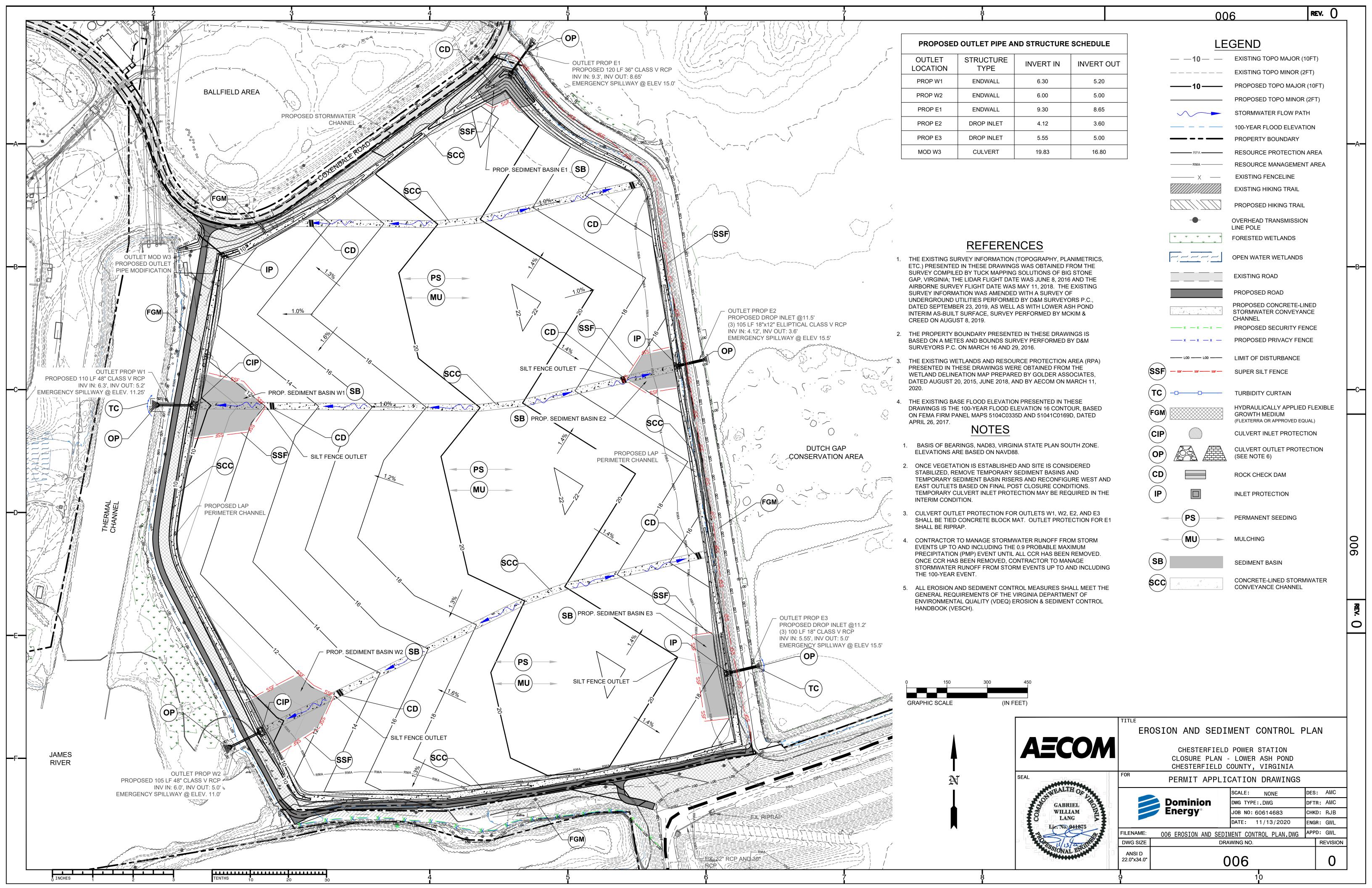
W 77° 22' 55.04"

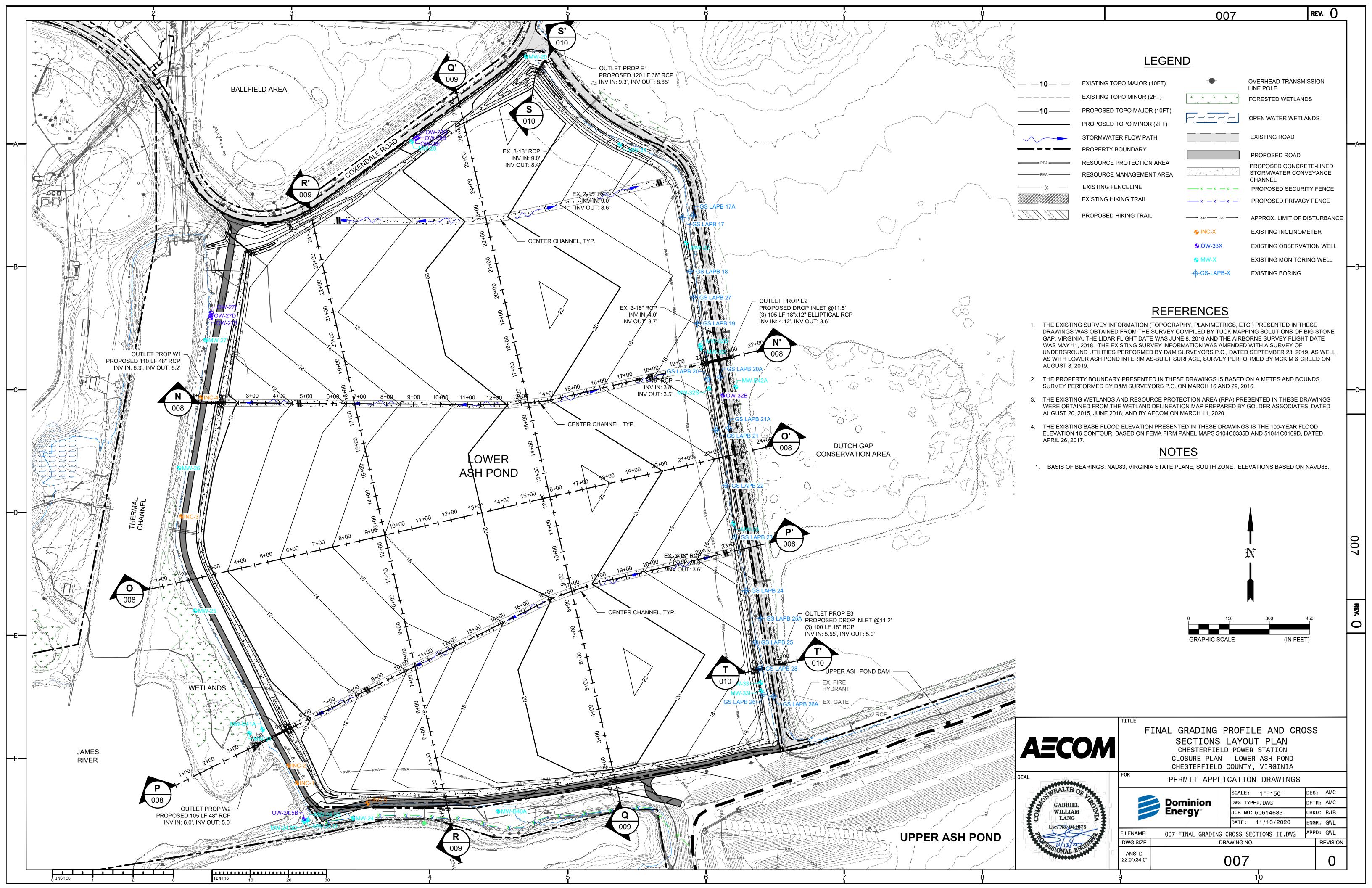


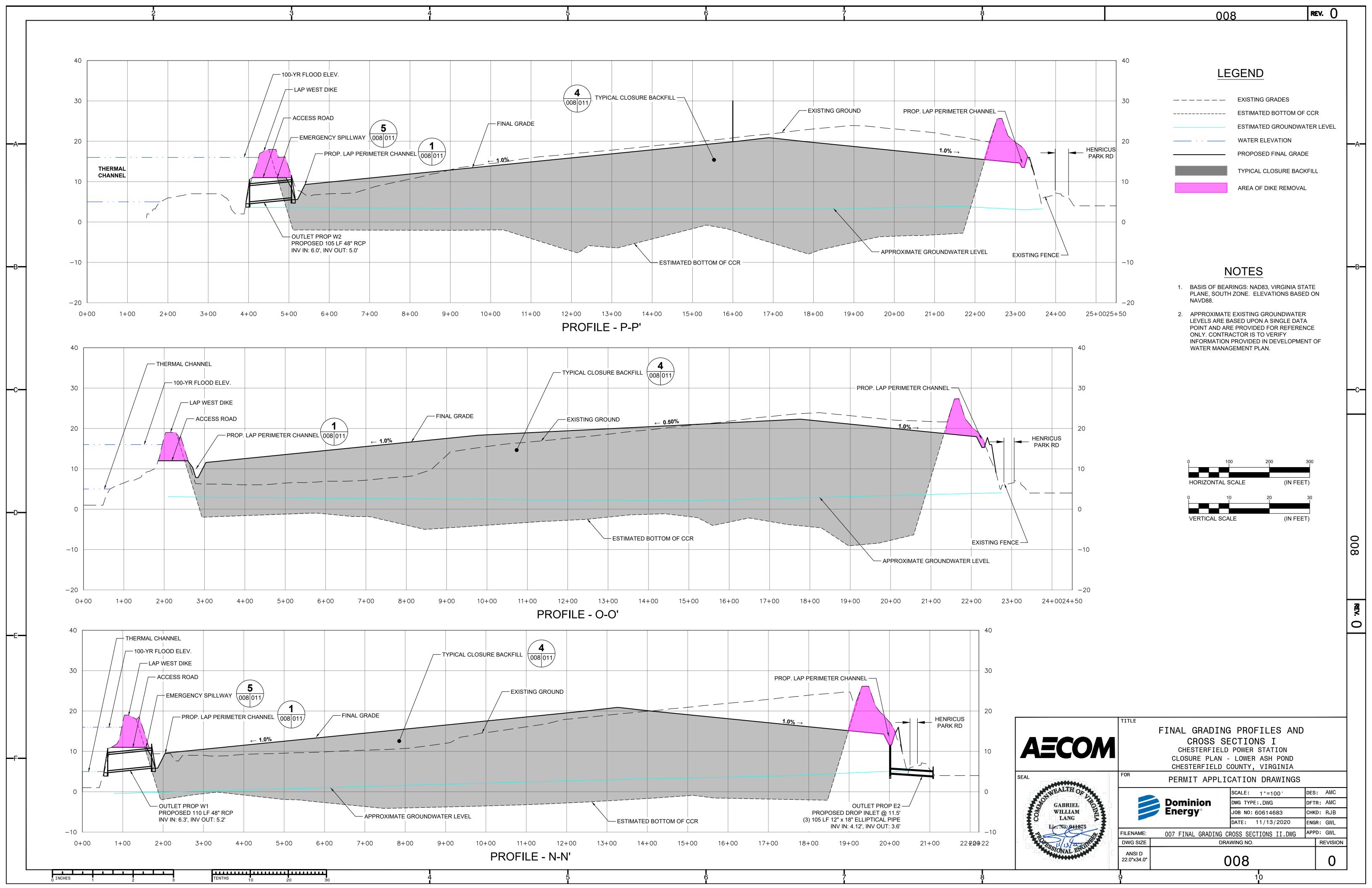


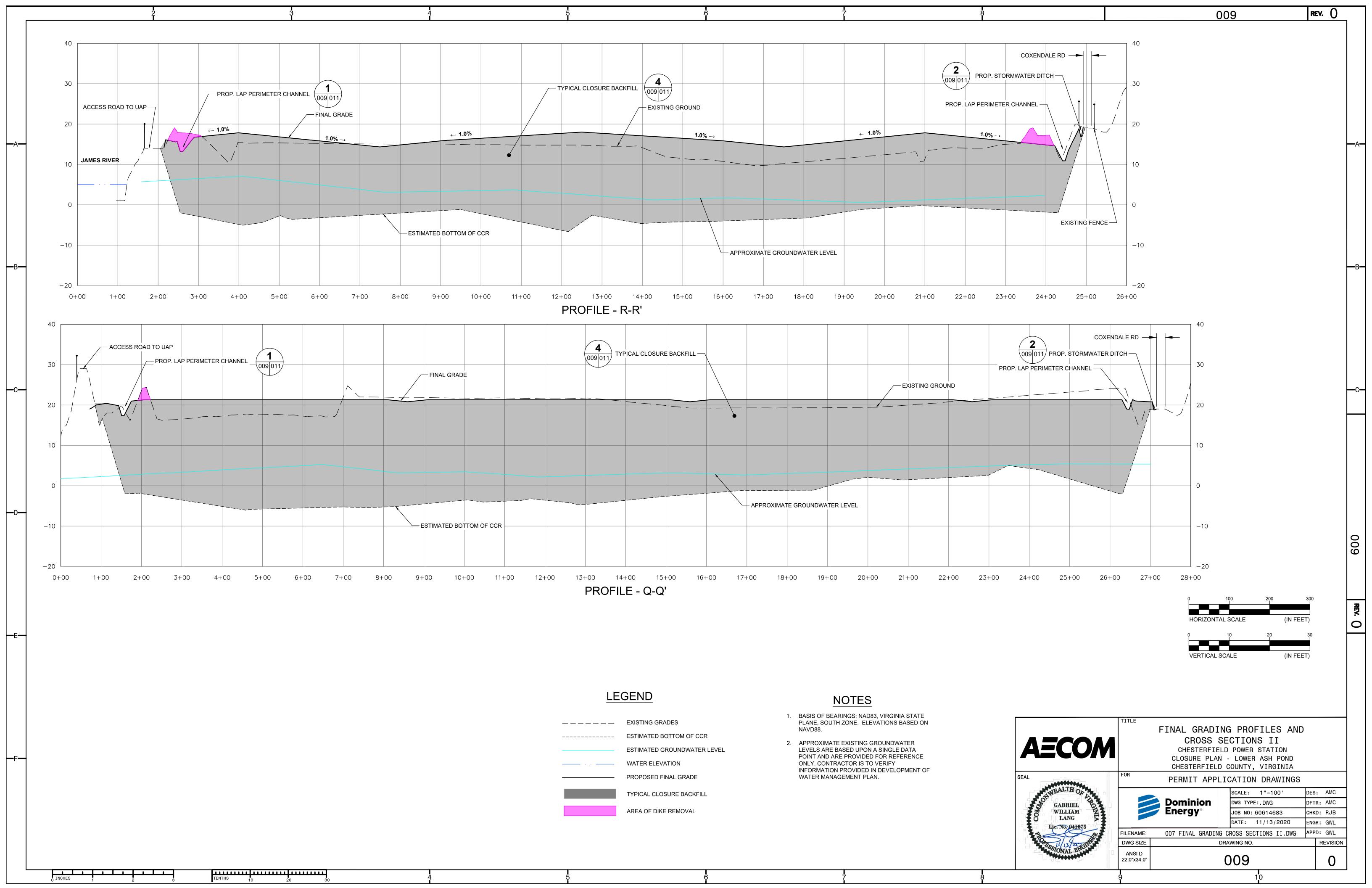


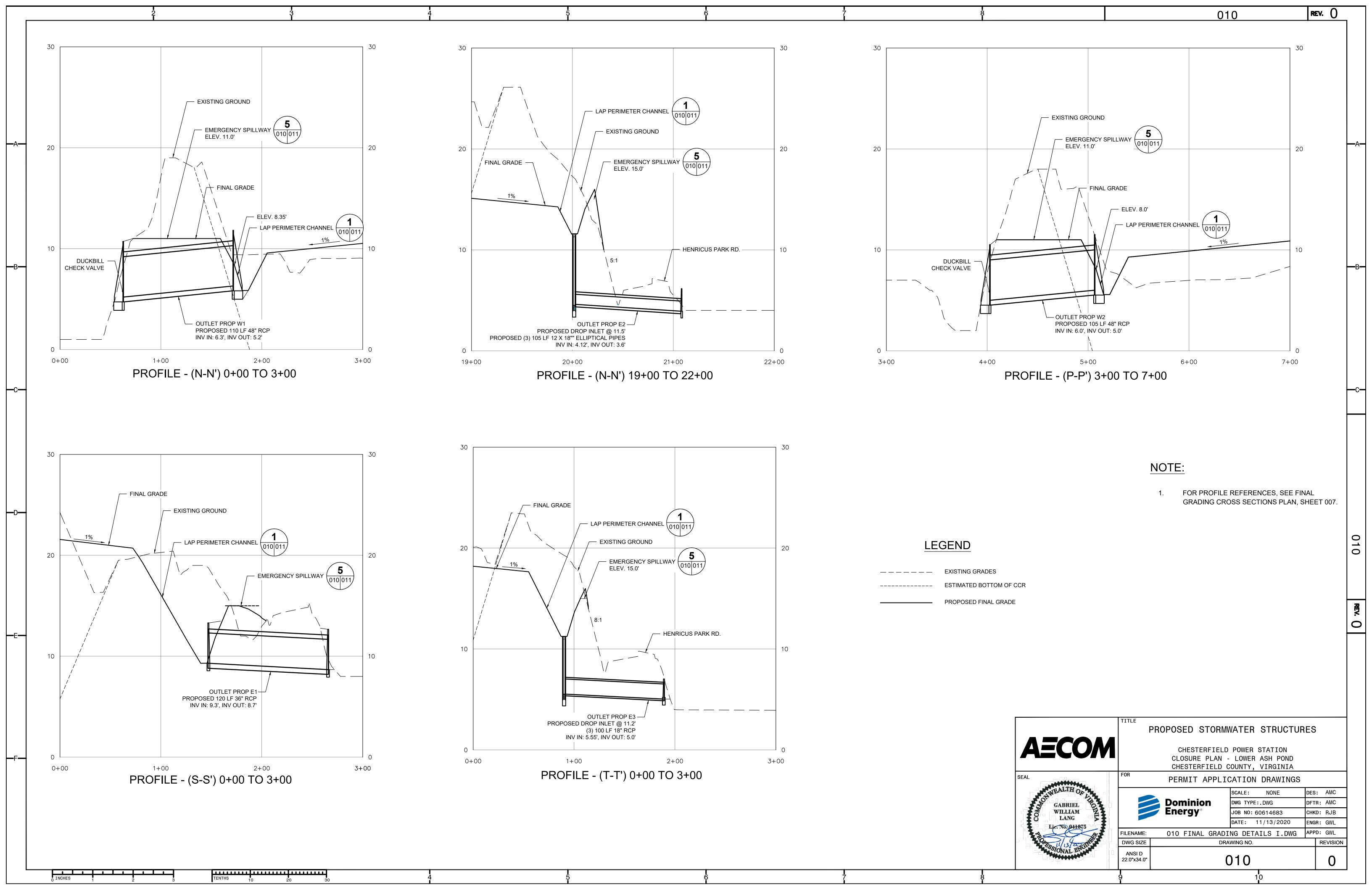


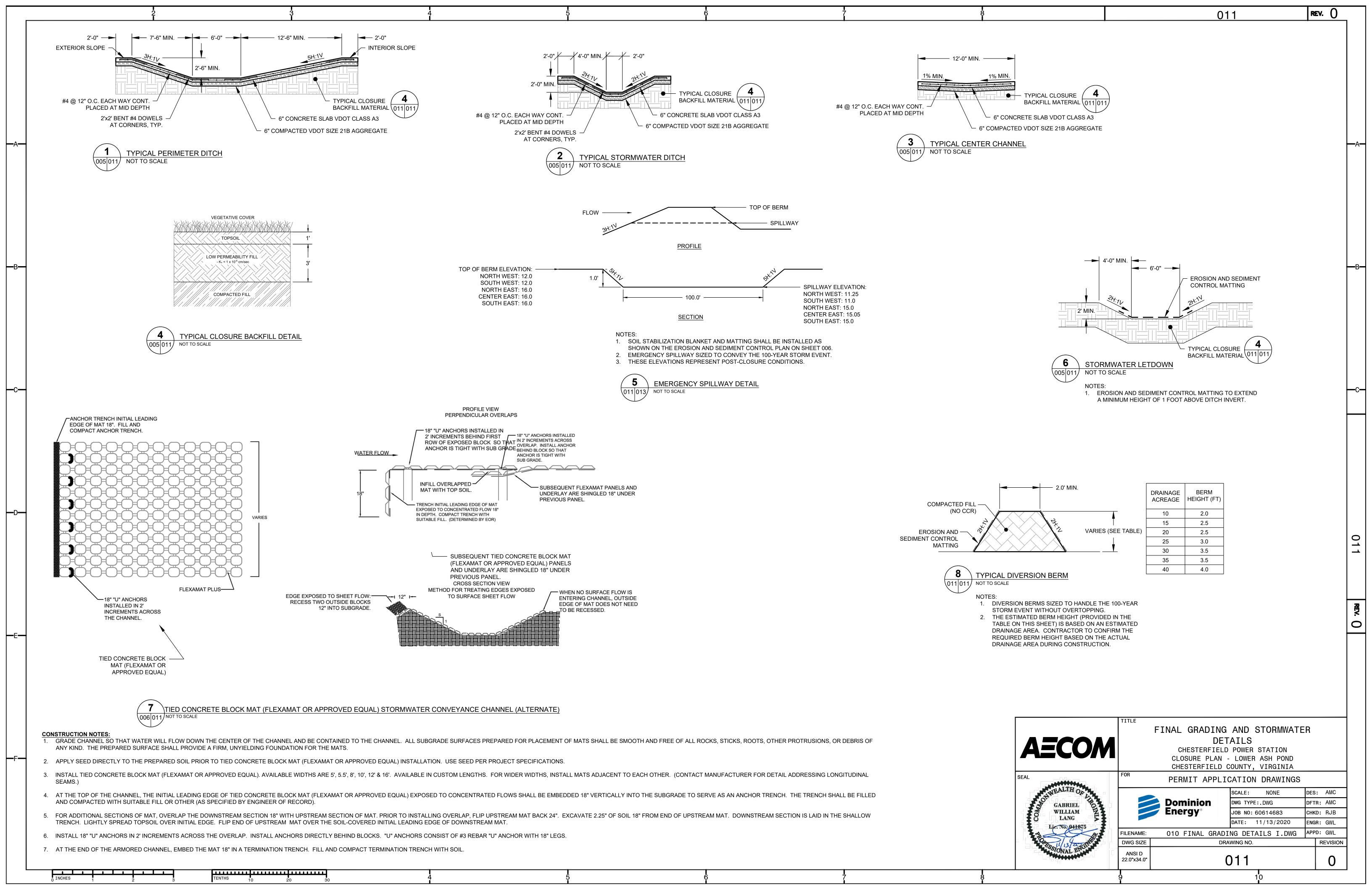


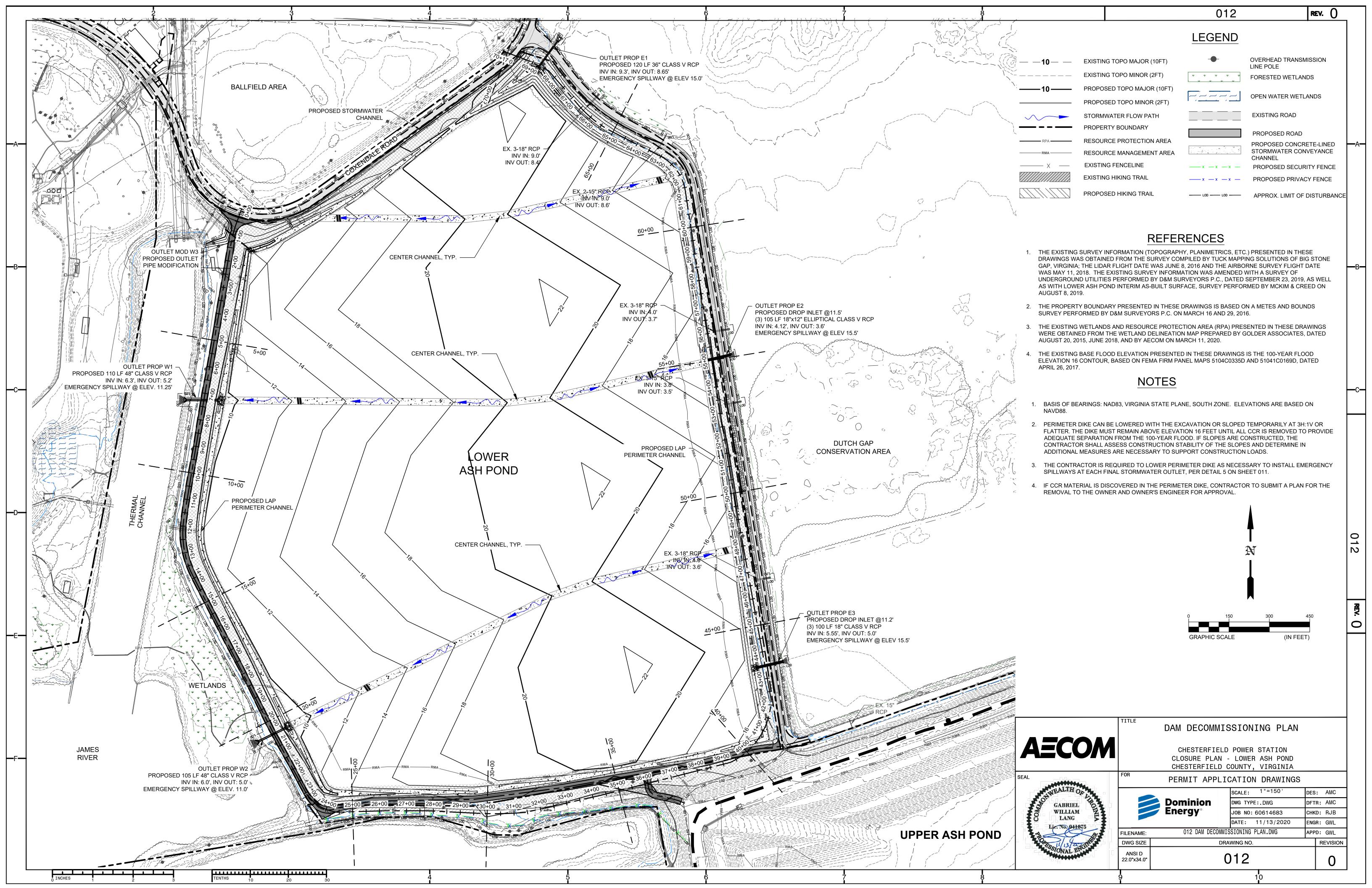


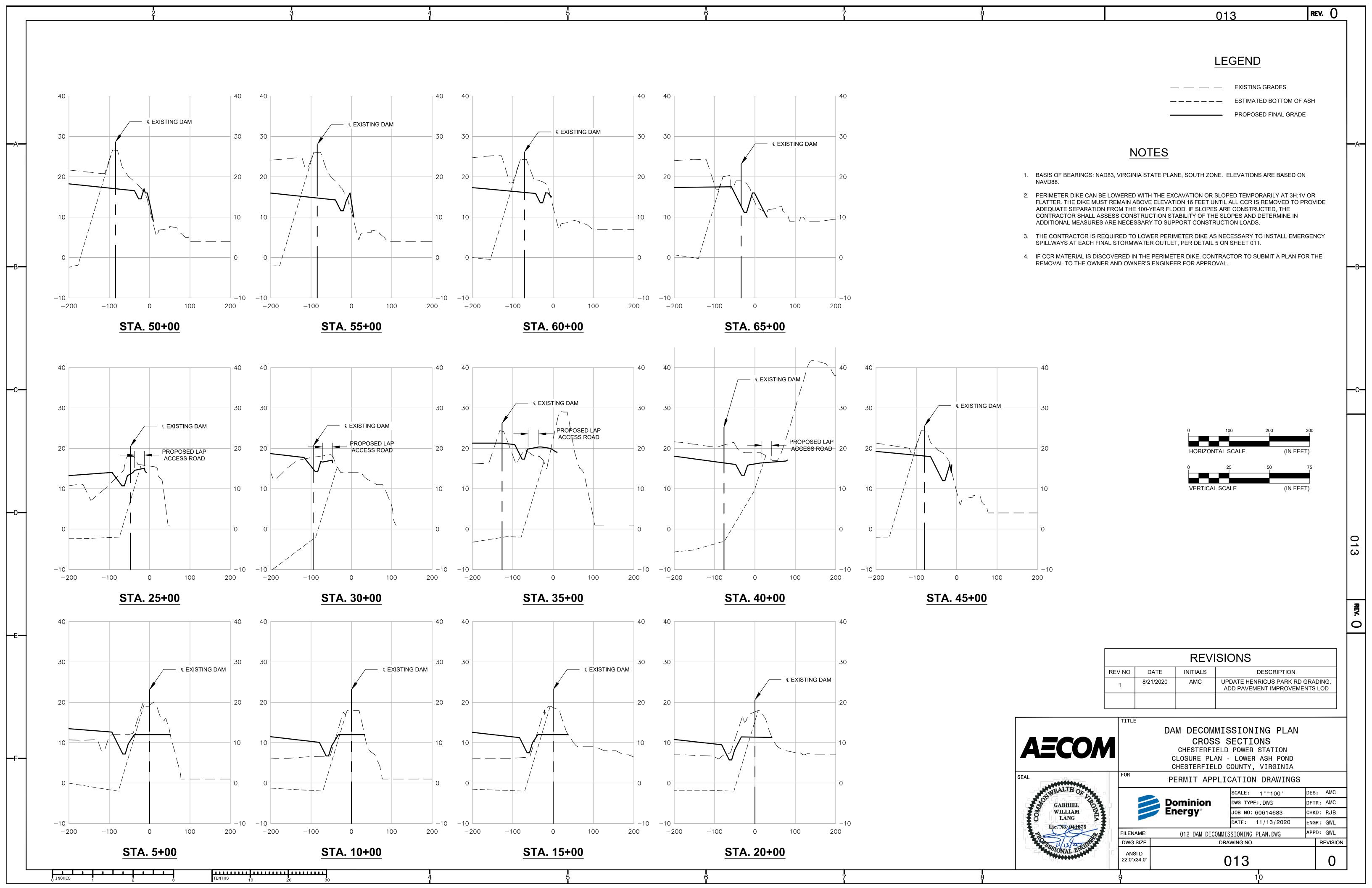












## **CONTACT INFORMATION**

DOMINION ENERGY

CHRIS M. GEE 600 E. CANAL STREET RICHMOND, VIRGINIA 23219

> PHONE: (804) 205-0527 FAX: (804) 273-2876 EMAIL: CHRIS.M.GEE@DOMINIONENERGY.COM

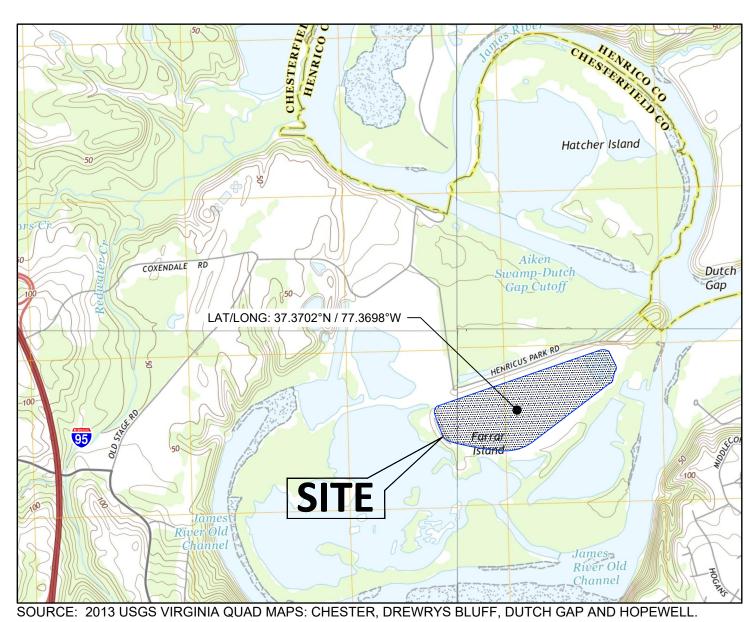
**ENGINEER:** 

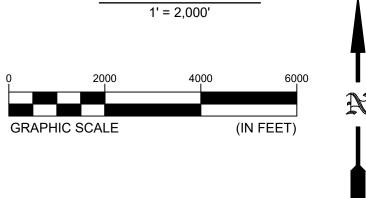
GABE LANG, P.E. 1600 PERIMETER PARK DR. MORRISVILLE, NC 27560

EMAIL: GABE.LANG@AECOM.COM

# DOMINION ENERGY CHESTERFIELD POWER STATION CLOSURE PLAN - UPPER ASH POND

PERMIT APPLICATION DRAWINGS NOT FOR CONSTRUCTION CHESTERFIELD COUNTY, VIRGINIA NOVEMBER 13, 2020





DWG NO.

013

| 001 | COVER SHEET  |
|-----|--|
| 002 | EXISTING CONDITIONS PLAN                             |
| 003 | DEMOLITION PLAN                                      |
| 004 | ESTIMATED BOTTOM OF CCR MATERIAL PLAN                |
| 005 | FINAL GRADING PLAN                                   |
| 006 | EROSION AND SEDIMENT CONTROL PLAN                    |
| 007 | FINAL GRADING PROFILE AND CROSS SECTIONS PLAN LAYOUT |
| 800 | FINAL GRADING PROFILES AND CROSS SECTIONS I          |
| 009 | FINAL GRADING PROFILES AND CROSS SECTIONS II         |
| 010 | FINAL GRADING AND STORMWATER DETAILS                 |
| 011 | DAM DECOMMISSIONING PLAN                             |
| 012 | DAM DECOMMISSIONING CROSS SECTIONS I                 |

DAM DECOMMISSIONING CROSS SECTIONS II

DWG DESCRIPTION

| Stormwater Outfall Table                     |                                      |          |                                      |          |                                      |           |          |           |           |
|--|--------------------------------------|----------|--------------------------------------|----------|--------------------------------------|-----------|----------|-----------|-----------|
| Site Area (Acres)                            | Site Area (Acres)                    |          |                                      |          |                                      |           |          |           |           |
|  | V                                    | est Outf | all                                  | Mi       | ddle Ou                              | tfall     | Е        | ast Outfa | all       |
| Drainage Area (Acres)                        | 46.2                                 |          |                                      | 51.5     |                                      |           | 25.8     |           |           |
| Runoff Reduction (CF)                        |                                      |          |                                      | 0        |                                      |           | 0        |           |           |
| Receiving Channel Type                       |                                      |          | N                                    |          | N                                    |           |          |           |           |
| (Natural, Restored, or Manmade)              | I Natural                            |          | Natural                              |          | Natural                              |           |          |           |           |
| Channel Protection Compliance Method         |                                      |          |                                      | N/A      |                                      | N/A       |          |           |           |
| Flood Protection Compliance Method           | N/A                                  |          | N/A                                  |          | N/A                                  |           |          |           |           |
|  | 1 - Year                             | 2 - Year | 10 - Year                            | 1 - Year | 2 - Year                             | 10 - Year | 1 - Year | 2 - Year  | 10 - Year |
| CN Existing <sup>1</sup>                     | N/A                                  |          | N/A                                  |          | N/A                                  |           |          |           |           |
| $RV_{Existing}\left(AC\text{-}FT\right)^{1}$ | N/A                                  | N/A      | N/A                                  | N/A      | N/A                                  | N/A       | N/A      | N/A       | N/A       |
| $Q_{Existing}$ (CFS) $^1$                    | N/A                                  | N/A      | N/A                                  | N/A      | N/A                                  | N/A       | N/A      | N/A       | N/A       |
| CN Developed                                 |                                      |          | 84                                   |          | 84                                   |           |          |           |           |
| RV <sub>Developed</sub> (AC-FT)              | 5.14                                 | 6.99     | 12.96                                | 5.73     | 7.79                                 | 14.45     | 2.88     | 3.91      | 7.25      |
| Q <sub>Developed</sub> (CFS)                 | 26.94                                | 32.1     | 41.99                                | 29.93    | 34.85                                | 44.28     | 21.12    | 25.45     | 34.21     |
| $Q_{Allowed}$ (CFS) $^1$                     | N/A                                  | N/A      | N/A                                  | N/A      | N/A                                  | N/A       | N/A      | N/A       | N/A       |
| $V_{Developed}$ (ft/s)                       | 5.08                                 | 6.05     | 7.92                                 | 5.64     | 6.57                                 | 8.35      | 4.06     | 4.8       | 6.45      |
| Outfall Location (Lat/Long)                  | N 37° 22' 05.87"<br>W 77° 22' 32.91" |          | N 37° 22' 06.32"<br>W 77° 22' 01.23" |          | N 37° 22' 19.04"<br>W 77° 21' 48.91" |           |          |           |           |
| 4  |                                      | -        |                                      |          | -                                    |           |          |           |           |

|  | W // ZZ 3Z.91 | W // ZZ U1.Z3 | VV // Z1 46.91 |                              |
|--|---------------|---------------|----------------|------------------------------|
|  | •             |               |                |                              |
| Not computed since the existing condition was a regulated basin. |               |               |                | Dov                          |
|  |               |               |                | Location of storm sewer ou   |
|  |               |               |                | in diameter and greater (exc |

| Farrar Gut is considered | l a category 4A wate  | er, and so a TMDL is | s not required |
|--------------------------|-----------------------|----------------------|----------------|
| because the TMI          | DL for specific pollu | tants(s) is complet  | ce             |

|      | Site Area (acres)                           | 144 +/-  |  |  |
|------|---|--|--|--|
|      | Required Removal for the Site (lbs)         | 0  |  |  |
|      | Total Load Removed (lbs)                    | 0  |  |  |
|      | Offset Generating Facility                  |  |  |  |
|      | Amount of Phosphorus Purchased (lbs)        | N/A  |  |  |
|      | Equivalent Nitrogen Amount (lbs)            |  |  |  |
|      | 8-Digit HUC of Generating Facility          | N/A  |  |  |
| Year | ВМР Туре                                    | A BMP is not needed because the TP load is zero following the VRRM |  |  |
| /A   | BMP Service Area (list sections/phases)     | N/A  |  |  |
| /A   | Design Removal Efficiency (%)               | N/A  |  |  |
|      | Drainage Area Used for Sizing BMP (Acres)   | N/A  |  |  |
|      | Previous Acres Treated                      | N/A  |  |  |
| 25   | Treatment Volume (CF)                       | N/A  |  |  |
| 21   | Load Removed (lbs)                          | N/A  |  |  |
| /A   | Location of BMP (Lat/Long)                  | N/A  |  |  |
| 45   | Receiving Water                             | James River  |  |  |
|      | VAHUC6                                      | 20802  |  |  |
|      | MS4 Operator                                | Dominion Virginia Power  |  |  |
|      | TMDL  | Not Required*  |  |  |
|      | Downstream BMP                              | N/A  |  |  |
|      | Location of storm sewer outfalls 30 inches  | N/A  |  |  |
|      | in diameter and greater (excludes culverts) | N/A  |  |  |
|      | *TI - F C-+::-                              |  |  |  |

**Stormwater Compliance Table** 

## PREPARED FOR: DOMINION ENERGY (OWNER) 600 E. CANAL STREET

RICHMOND, VA 23219 CALL MISS UTILITY **BEFORE DIGGING** 1-800-552-7001

811

# **PREPARED BY: AECOM**

4840 COX RD GLEN ALLEN, VA 23060

#### **GENERAL SITE INFORMATION** PARCEL ADDRESS (AS RECORDED 451 COXENDALE ROAD IN CHESTERFIELD COUNTY GIS): CHESTER, VIRGINIA 23836 37.3702°N; 77.3698°W LAT-LONG TAX ID: 811-660-3332-00000 **GPIN NUMBER:** OFFSITE LAND DISTURBANCE COUNTY LAND DISTURBANCE A CHESTERFIELD COUNTY LAND DISTURBANC PERMIT: PERMIT IS REQUIRED FOR THIS PROJECT UMBRELLA VSMP VAR10G662 IS ALREADY II MANAGEMENT PROGRAM PERMI FLOOD ZONE A AS DEFINED BY THE FEDERA EMERGENCY MANAGEMENT AGENCY, FIRM FLOODPLAIN: PANELS 51041C0335D AND 51041C0169D, EFFECTIVE DATE: DECEMBER 18, 2012. NAME OF RECEIVING WATERS JAMES RIVER VA HU6 FOUR-DIGIT WATERSHED CODE VA HU6 TWELVE-DIGIT 020802060106 WATERSHED CODE EXISTING FIRE HYDRANT LOCATION SUFFICIENT FOR THIS PROJECT WETLANDS AND RPA FIELD DELINEATED BY **GOLDER ASSOCIATES JUNE 2018 AND BY** WETLANDS:

| ZONING/LAND USE INFORMATION   |                              |  |  |
|---|------------------------------|--|--|
| MAGISTERIAL DEVELOPMENT<br>DISTRICT:                                      | BERMUDA                      |  |  |
| ZONING/LAND USE OF AREA IN QUESTION:                                      | I-3 (HEAVY INDUSTRIAL)       |  |  |
| EXISTING ZONING/LAND USE OF<br>WHOLE PROPERTY (PER CITIZEN<br>GIS, 2010): | I-3 (HEAVY INDUSTRIAL)       |  |  |
| LAND USE (PER CITIZEN GIS 2010):  | INDUSTRIAL 144 ACRES         |  |  |
| VPDES PERMIT NUMBER   | VA0004146                    |  |  |
| ZONING CASE(S)  | 10SN0114, 19SN0554, 15SN0647 |  |  |

AECOM ON MARCH 11, 2020.

## VSMP COMPLIANCE

WATER QUALITY COMPLIANCE IN ACCORDANCE WITH 9VAC25-870-65 IS ACHIEVED THROUGH THE CHIAP PROJECT VSMP VAR10G662.

THIS PROJECT IS COVERED UNDER THE UMBRELLA VSMP VAR10G662.

#### CBPA COMPLIANCE

A. TIDAL WETLANDS MINIMALLY IMPACTED

B. NON-TIDAL WETLANDS PERMITTED VIA USACE JD #NAO-2007-02441 C. TIDAL SHORES NOT IMPACTED

D. VEGETATED CONSERVATION AREA WITHIN 100 FEET OF PROPERTY LINE NOT IMPACTED 100-YEAR FLOODPLAIN NOT FILLED

F. HIGHLY ERODIBLE SOILS OR STEEP SLOPES SHOWN ON PLANS AND PROTECTED BY

EROSION AND SEDIMENT CONTROL MEASURES SHOWN IN THIS SITE PLAN

G. NO HIGHLY PERMEABLE SOILS

H. THE PURPOSE OF THIS PROJECT IS TO COMPLY WITH FEDERAL CCR RULE TO PERMANENTLY CLOSE EXISTING CCR IMPOUNDMENT. WATER QUALITY COMPLIANCE IN ACCORDANCE WITH 9 VAC 25-870-65.

THIS PROJECT WILL HAVE A LAND DISTURBANCE GREATER THAN 2,500 S.F.; THEREFORE THE VSMP REGULATIONS FOR STORMWATER ARE APPLICABLE AND ADMINISTERED BY THE COUNTY.

IMPACTS TO WETLAND AND OTHER WATERS OF THE U.S. ARE BEING SUBMITTED FOR APPROVAL UNDER SECTION 404 AND 401 OF THE CLEAN WATER ACT AND THE VIRGINIA TIDAL WETLANDS ACT THROUGH A PENDING MINOR PERMIT MODIFICATION REQUEST CHESTERFIELD POWER STATION FOSSIL FUEL COMBUSTION PRODUCTS MANAGEMENT FACILITY DEPARTMENT OF THE ARMY PERMIT NO. 2007-02441; 10-V1787 AND VIRGINIA WATER PROTECTION PERMIT NO. 10-1787. THESE PLANS MAY REQUIRE MODIFICATIONS PENDING PERMIT CONDITIONS AS REQUIRED BY FEDERAL OR STATE REVIEW AGENCIES. PERMIT CONDITIONS AMENDED TO THE PLANS SHALL BE FOLLOWED.



# COVER SHEET

CHESTERFIELD POWER STATION CLOSURE PLAN - UPPER ASH POND CHESTERFIELD COUNTY, VIRGINIA

PERMIT APPLICATION DRAWINGS



| Dominion            |
|---------------------|
| Energy <sup>™</sup> |

DES: MSR SCALE: AS SHOWN DWG TYPE:.DWG DFTR: JBM JOB NO: 60614683 CHKD: RJB DATE: 11-13-2020 ENGR: GWL APPD: GWL COVER SHEET.DWG

0

DWG SIZE DRAWING NO. REVISION ANSI D 001 22.0"x34.0'

144 ±

140 ±

TOTAL SITE ACREAGE:

DISTURBED AREA ACREAGE

