



December 23, 2025

Mr. Kevin Mastaw, P.E.  
Environmental Engineer  
INV Performance Materials, LLC  
25876 DuPont Road  
Seaford, DE 19973

Subject: Solid Waste Permit SW-09/01 Extension  
Reference: INV Performance Materials, LLC; File Code: 02.B

Mr. Mastaw:

The Delaware Department of Natural Resources & Environmental Control, Compliance and Permitting Section is extending Solid Waste Facility Permit SW-09-01 ("Permit") issued to INV Performance Materials, LLC ("Invista"). The Permit allows Invista to continue their post-closure operations. This Permit will expire on December 31, 2026.

If you have any questions, please contact Jeff Martin at (302) 395-2600.

Sincerely,

Jason W. Sunde  
Environmental Program Administrator  
Compliance and Permitting Section

JWS:JRM:mm  
Enclosure



## Permit SW-09/01

### Permit Type: Seaford Powerhouse Ash Landfill Post-Closure Care

Date of Issue: May 15, 2009

Last Modified: December 23, 2025

Expiration Date: December 31, 2026

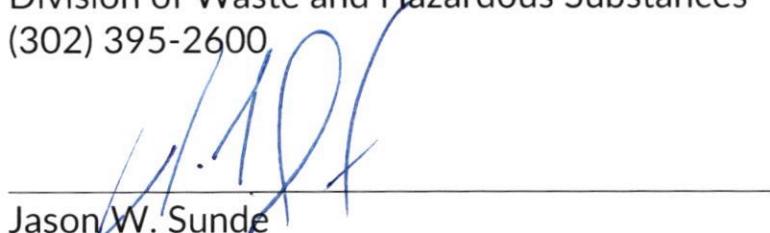
Permittee: INV Performance Materials, LLC  
Seaford Plant  
25876 DuPont Road  
Seaford, Delaware 19973

Pursuant to 7 Del. C., Chapter 60, Section 6003 and Delaware's Regulations Governing Solid Waste, INV Performance Materials, LLC ("Invista") is hereby granted approval to provide post-closure care of the Seaford Powerhouse Ash Landfill located at the Invista site in Seaford, Delaware ("ash landfill"). All terms and conditions of this permit are enforceable by the Department of Natural Resources and Environmental Control.

  
Jeffrey R. Martin  
Hydrologist  
Compliance and Permitting Section  
Division of Waste and Hazardous Substances  
(302) 395-2600

12-23-2025

Date

  
Jason W. Sunde  
Environmental Program Administrator  
Compliance and Permitting Section  
Division of Waste and Hazardous Substances  
(302) 739-9403

12-23-25

Date

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## I. GENERAL CONDITIONS

- A. Pursuant to Sections 4.1.1.1, 4.2.3.2, and 6 of Delaware's Regulations Governing Solid Waste ("DRGSW"), the Department of Natural Resources and Environmental Control ("Department") hereby modifies Permit SW-09/01 to specify post-closure care of the ash landfill operated by Invista. The ash landfill is located at the INV Performance Materials, LLC, Seaford Plant, 25876 DuPont Road, Seaford, Delaware 19973.
- B. This permit applies to post-closure care of the ash landfill site operated by Invista, including environmental monitoring, recordkeeping, reporting, and landfill controls; and sited as shown in Appendix A – Design Drawings and Appendix F – Figure F-1 of the Final Closure Plan Coal Ash Landfill Cover System Ash Landfill Permit SW-09/01.
- C. This permit was issued in accordance with the following documents submitted by Invista:
  1. Invista's Seaford Ash Landfill Permit Renewal Application for the Invista S.à r.l Seaford Powerhouse Ash Landfill, Seaford, Delaware prepared by Malcolm Pirnie, Inc. and submitted September 26, 2003, and amended May 31, 2006, and July 27, 2007.
  2. Blueprints contained in Appendix A of Invista's Final Closure and Post Closure Plan Coal Ash Landfill Cover System Ash Landfill Permit SW-09/01 ("Closure Plan"); prepared for Invista by Conestoga Rovers & Associates ("CRA") in September 2011.
  3. Invista's Closure Plan prepared for Invista by CRA in September 2011.
  4. Invista's Closure Plan, Appendix F; prepared for Invista by CRA in September 2011.
  5. Invista's Closure Plan, Section 3.0 of Appendix F; prepared for Invista by CRA in September 2011.
  6. Invista's Final Construction Certification Report for the Invista Seaford Coal Ash Landfill (March 2014) and Invista's supplemental responses, dated May 15, 2015, to the Department's comment letter, File Code 02.E, dated March 10, 2015.

7. Other plans, standards, letters, procedures, and policy specifically referenced in this permit.

D. This permit is issued subject to the following general conditions:

1. Access to the ash landfill site by unauthorized persons shall be prevented by barriers, fences, and gates, or other suitable means. Representatives of the Department may inspect the ash landfill at any reasonable time to verify compliance with the permit and DRGSW.
2. Invista shall conduct activities at the ash landfill in compliance with this permit and all applicable federal, state, county, and municipal environmental statutes, ordinances, and regulations. This general condition shall apply to all persons or entities conducting any activity at the ash landfill on behalf of Invista, including contractors and subcontractors.
3. Any transfer of this permit shall be done in compliance with the requirements of Section 4.1.8 of DRGSW, including financial assurance. Invista shall not transfer this permit until it has established a valid Environmental Covenant in accordance with the requirements of 7 Del. C., Chapter 79, Subchapter II. Until transfer of the permit has been completed, Invista shall continue to maintain control of and responsibility for the ash landfill in compliance with this permit and DRGSW, including, but not limited to the requirements for financial assurance, post-closure care, recordkeeping, reporting, monitoring and corrective actions.
4. Invista shall maintain a readable, easily accessible copy of the most current version of this permit at the Invista Seaford site Environmental Health and Safety Office. In addition, Invista shall ensure that entities acting on behalf of Invista at the ash landfill have ready access to the permit.

## II. POST-CLOSURE CARE

- A. General Post-Closure Care: The Permittee shall provide post-closure care of the Landfill in accordance with all applicable sections of Section 6.11 of DRGSW, the conditions of this permit, and the landfill Operations Plan.
- B. If at any time during the post-closure care period there is evidence of a contaminant release from the Landfill that presents a significant threat to human health or the environment, the Permittee shall take action to mitigate the threat.
- C. The Permittee shall not allow the disposal of solid wastes at the Landfill during the post-closure care period. Disposal of solid waste at the Landfill is strictly prohibited.
- D. Access Control: The Permittee shall ensure that access to the Landfill is effectively controlled at all times by the use of gates, security fence, or other means necessary to limit access to the Landfill to authorized persons engaging in activities compatible with this permit. Specific access-control requirements include:
  1. In accordance with the requirements of 7 Del. C. Section 6024, the Permittee shall not impede the Department's right of entry to the Landfill.
  2. The Permittee shall inspect access controls, including the fences and gates, at least once each month. During each inspection, the Permittee shall document observations and problems using a form acceptable to the Department and shall correct all deficiencies as required. Recordkeeping shall be done in accordance with Section V.A. of this permit.
- E. Activities: Unless approved in advance by the Department, or required by this permit, no unauthorized activity shall be conducted on the Landfill. The Permittee may conduct the following activities in compliance with this permit and without further Department approval: grass mowing, seeding, planting, guided tours, surveying, road maintenance, traffic authorized by the permittee, environmental monitoring, inspections, and maintenance activities that do not disturb

the cap or damage landfill control systems. Additional cap maintenance activities that the Permittee may undertake without further Department Approval are described in condition II.H.2. of this permit.

F. The Permittee shall prevent the accumulation of standing water on the Landfill. This prohibition shall not apply to properly maintained erosion and sediment controls or small amounts of water that may be present on the Landfill cover during or immediately following a rainfall event. Additionally, this prohibition does not apply to frozen precipitation that may melt slowly thereby causing small amounts of standing water on the Landfill cover.

G. Stormwater Management: The Permittee shall manage stormwater and maintain stormwater controls per landfill cap design specs to ensure the effectiveness of the capping system and prevent run-on and run-off from eroding or otherwise damaging the cap. Specific requirements include:

1. The Permittee shall take all reasonable steps to identify and prevent the discharge of pollutants from the Landfill into surface water.
2. The Permittee shall provide for, and maintain a permanent, long-lived vegetative cover on the final cover soils of the Landfill.
3. The Permittee shall repair disturbed areas of final cover to prevent erosion as soon as practical. During the growing season, repair shall include replacement of eroded final cover with clean soil capable of supporting the vegetative cover and reseeding of the disturbed areas. If final cover soil is disturbed during the non-growing season, the Permittee shall use temporary measures, such as matting or anchored mulch to stabilize the area, until vegetation has been established.
4. The Permittee shall properly operate, manage and maintain the stormwater management basin and all stormwater management structures and conveyances. The Permittee shall remove debris or blockages from the basin, pipes and channels as soon as practical. The Permittee should coordinate stormwater basin cleanout or maintenance involving structural repair of the basins with the Department's Sediment and Stormwater Program.

5. The Permittee shall inspect the surface water management system at least once each month. During each inspection, the Permittee shall document observations and problems using a form acceptable to the Department and shall correct all deficiencies as required. Recordkeeping shall be done in accordance with Section V.A. of this permit.
6. The earthen berm that surrounds the perimeter of the Landfill and the chute structures constructed in the perimeter berm were voluntarily installed and are not part of the stormwater controls and are not subject to the inspection and maintenance requirements identified herein.

#### H. Maintaining Integrity and Effectiveness of the Capping System

1. The Permittee shall maintain the integrity and effectiveness of the capping system, including making repairs as necessary to repair seeps, to prevent damage from run-on/run-off and to correct the effects of settling, subsidence and erosion.
2. Except for the following repairs, the Permittee shall not remove or alter any portion of the cap without the written approval of the Department's Compliance and Permitting Section ("CAPS"). The Permittee may make the following repairs to the cap as long as they do not damage landfill control systems or reduce the effectiveness of the cap.
  - a. Permittee may, without written approval, disturb the top six inches of the cap ("topsoil") for maintenance, regrading or seeding as long as sediment and erosion controls are properly employed, only clean topsoil is used, and the thickness of the cap and vegetative layer are not diminished upon completion of the work. For this permit, clean topsoil means the natural, unconsolidated mineral and organic material on the immediate surface of the earth that serves as a natural medium for the growth of land plants, and which can perform as the vegetative layer on the landfill cap. Clean topsoil contains no trash, debris, or solid waste and cannot be from a state

or federal cleanup site. Analytical testing of clean topsoil is not typically required unless its origins are unknown or there is reason to suspect contaminants may be present which may pose an increased risk to human health or the environment.

- b. Permittee may also fill in erosion rills and gullies of any depth with clean soil and seed to establish vegetation.
3. The Permittee shall inspect the capping system at least once each month. During each inspection, the Permittee shall document observations and deficiencies using a form acceptable to the Department and shall correct all deficiencies as needed. Recordkeeping shall be done in accordance with Section V.A. of this permit.

#### I. Dust Control

1. The Permittee shall conduct all activities at the Landfill in a manner to prevent dust emissions from causing a condition of air pollution (injurious to human, plant, or animal life or unreasonably interfering with the enjoyment of life and property). The Permittee shall inspect for visible dust leaving the Landfill site at least once each day during activities that may cause dust emissions of concern.
2. The Permittee shall document the observations and deficiencies found during these inspections using a form acceptable to the Department. The Permittee shall maintain records of these inspections in accordance with Section V.A. of this permit.

#### J. Maintenance and Preservation of Monitoring and Observation Wells

1. The Permittee shall preserve and maintain all groundwater monitoring wells. The Permittee shall implement controls to protect these monitoring wells from damage from site activities.
2. Permittee shall inspect each monitoring well at least twice a year. The Permittee shall document the observations and deficiencies found during these inspections. The Permittee shall maintain records of these inspections in accordance with Section V.A. of this permit.

3. Permittee shall replace any well that can no longer be used to provide monitoring data required by this permit. Replacement and abandonment of groundwater monitoring wells shall be done in accordance with Delaware's Regulations Governing the Construction and Use of Wells.

K. Throughout the post-closure care period, Invista shall provide a representative authorized to act on behalf of the company in regulatory discussions or other matters arising from administration of this permit and who can act as the point-of-contact for emergencies involving the site. Invista shall provide this information to the Department and report any changes to contact information within 10 business days. The information must include the person's name, title, phone number, email address, geographical address, and mailing address.

L. Throughout the post-closure care period, Invista shall maintain financial assurance for all remaining post-closure care obligations for the ash landfill in accordance with the requirements of DRGSW. Invista shall not use financial tests and guarantees for assuring funds for the ash landfill post-closure period or for corrective actions. Invista shall provide proof of financial assurance annually in accordance with the requirements of section IV.A.1. of this permit.

### **III. MONITORING**

#### **A. Surface Water Monitoring**

Annually in April, Invista shall collect water samples and measure field parameters at the site's Outfall Drainage Ditch Upstream and Outfall Drainage Ditch Downstream locations as specified in the facility's Operations Plan. Field parameters to be measured include specific conductance, pH, and temperature. Samples are to be laboratory analyzed for the following indicator parameters: total dissolved solids ("TDS"), pH, specific conductance, chloride, sulfate, arsenic, barium, calcium, iron, magnesium, sodium, zinc, and total hardness. Surface water quality sampling shall be completed in accordance with Invista's Monitoring Plan.

## B. Groundwater Monitoring

### 1. General Requirements

- a. All monitoring wells shall be maintained and protected in accordance with the Delaware's Regulations Governing the Construction and Use of Wells.
- b. Invista shall notify CAPS at least 15 days prior to installing or abandoning any monitoring wells. The installation or abandonment of any monitoring well shall be performed in accordance with the Delaware's Regulations Governing the Construction and Use of Wells.
- c. All groundwater quality samples shall be collected in a manner which minimizes sample turbidity and shall be collected at low flow rates (less than one liter per minute). Samples will be field filtered when turbidity exceeds 10 NTU. All wells to be sampled shall be maintained as necessary so that they will produce low turbidity samples.
- d. Analytical Procedures

Test methods used for water quality analyses shall be those described in the most current legal edition of the Environmental protection Agency ("EPA") Publication SW-846. If SW-846 does not contain a test method for a required parameter, that parameter shall be tested according to methods described in the most recent edition of EPA Publication, Methods of Chemical Analysis for Water and Wastes or Standard Methods for Examination of Water and Wastewater. All samples shall be collected and analyzed using approved Quality Assurance("QA")/Quality Control ("QC") procedures.

## 2. Groundwater Monitoring Frequency

b. Annually, during April, Invista shall collect groundwater samples from the following groundwater monitoring and production wells:

2S	5S	17S	5D
3SR	8S	2D	Production Well 11
4S	9S	3D	Production Well 12

b. Annually, during October, Invista shall collect groundwater samples from the following groundwater monitoring wells:

3SR	8S	17S
5S	3D	

## 3. Groundwater Monitoring Parameters

a. Field parameters to be measured include specific conductance, pH, temperature, and turbidity. Parameters for laboratory analysis shall include: TDS, pH, specific conductance, alkalinity, arsenic, barium, calcium, chloride, iron, magnesium, sodium, sulfate, manganese, nitrate-N, and zinc.

4. Sampling will not be required at any production well that is out of service.

5. During the monitoring program in accordance with Section III.B. of this permit, the permittee may submit a request for the Department's approval to modify the monitoring frequency, laboratory analytical methods, and parameters prescribed in this section.

## C. Groundwater Level Gauging

1. Semiannually, during April and October, Invista shall measure water levels in the following monitoring wells:

	4S		17S	5D
2S	5S	8S	2D	Production Well 11
3SR	6S	9S	3D	Production Well 12

2. Maps shall be prepared for each aquifer showing wells drilled in the aquifer and water elevations in each well. Contour lines shall be drawn showing the potentiometric surface of each aquifer and the direction of the groundwater flow. Maps shall include the outline of the landfill and adjacent areas.
3. Measurements should be taken during a minimal time period and consistently during the same period within the tidal cycle to help reduce the effects of the tides and facilitate comparison data.
4. The Department may observe the water sampling conducted by Invista and may request split samples for analysis. Representatives of the Department may also enter the facility to collect groundwater samples for analysis by an independent laboratory.

#### **IV. REPORTING**

##### **A. Annual reports**

No later than March 31<sup>st</sup>, Invista shall submit the following reports:

1. The Financial Assurance Demonstration: Invista shall provide assurance that the financial costs associated with post-closure care, and corrective action as required, can be met. Invista shall demonstrate financial assurance with a valid financial assurance mechanism in accordance with Section 4.1.11.2 of DRGSW and shall provide detailed and accurate cost estimates that have been adjusted for inflation for each cost estimate as applicable (post-closure care and corrective actions).
2. The Annual Post-Closure Care Report: The reporting period for the ash landfill shall be from January 1<sup>st</sup> to December 31<sup>st</sup> of each year. Invista shall provide this report in one paper copy plus one copy on electronic storage media acceptable to the Department and shall include the following information for the reporting period:
  - a. A narrative addressing Invista's progress with establishing the environmental covenant required for the ash landfill.

- b. A list of any deficiencies or damages identified with the ash landfill control systems, including the cap or stormwater controls, during the reporting period and status of repairs or corrections required.
- c. A listing of notices, warnings, citations, fines, penalties or other enforcement actions involving the ash landfill.
- d. Deviations from the inspection, monitoring, or reporting requirements specified by this permit.
- e. Copies of all inspection forms completed in accordance with the conditions of this permit, to be provided on electronic storage media only.

3. No later than 60 days after receiving and validating the analytical results for all the samples collected during the annual April sampling event Invista shall submit the following report:

The Annual Environmental Monitoring Report: Invista shall provide this report in one paper copy plus one copy on electronic storage media (including providing the file using file transfer software, e.g., LeapFile) acceptable to the Department. Invista shall include the following information in the Annual Environmental Monitoring Report:

- a. The report shall include a dated title page, a page identifying the preparer including the signature and PG seal, and a detailed table of contents, including a section that detailed the contents of the electronic media submittal.
- b. Narrative: Invista shall include a discussion of findings, conclusions and recommendations based upon the environmental monitoring results. The narrative portion of the report shall include:
  - (1) A discussion of the groundwater monitoring results, including whether the results indicate the exceedance of an applicable performance standard established for groundwater at the Invista Seaford site and any corrective measures required or anticipated.

- (2) A discussion of the surface water monitoring results, including whether the results indicate the exceedance of an applicable performance standard established for surface water at the Invista Seaford site and any corrective measures required or anticipated.
- (3) A discussion of any problems encountered during fieldwork, any deviations from the sampling procedures, and of any deviations from QA/QC procedures.
- (4) Recommendations for future environmental monitoring, changes and repairs to the monitoring network, and corrective actions.

c. Tabulation of all data listed below from the past year and all preceding years (all years monitored) as specified below. Invista shall provide the last five years of this data on paper and all preceding years via electronic media. Data submitted shall include:

- (1) Surface water elevation and quality data including field parameters.
- (2) Ground water elevation and quality data including field parameters.

d. Graphical presentations (quality versus time plots) of groundwater and surface quality parameters sulfate and arsenic.

e. Semi-annual potentiometric maps for each aquifer for the past year. These maps shall include an outline of the ash landfill and adjacent areas and show adjacent property boundaries,

f. A drawing showing all monitoring locations required by this permit.

g. Copies of field notes, laboratory data sheets, and chain-of-custody forms. Invista shall submit these records via electronic media only.

## B. Additional Reports

1. Periodic Environmental Monitoring Data Submittal: Within 60 days after the completion of the October sampling event for surface water and groundwater (as required in Sections III.A. and III.B. of this permit), Invista shall submit data on electronic storage media in a form acceptable to the Department and in accordance with the following requirements.
  - a. The electronic media submittal shall be accompanied by a signed cover letter (paper). The cover letter shall state the monitoring events reported in the submittal, report any concerns the permittee has about the sampling event or the monitoring results and provide a table of contents for the information provided via electronic storage media (including providing the file using file transfer software, e.g., LeapFile).
  - b. Invista shall present periodic monitoring data delivered by way of electronic media on spreadsheets (i.e. Excel). Invista shall present the quality and quantity data in tabular format by monitoring point.

## C. Emergency Reporting

1. Invista shall notify the Department as soon as practical, and in no case longer than 24 hours after discovery of the following:
  - a. Fire, explosion, or any other incident at the ash landfill that may have an impact on human health or the environment.
  - b. Damage to the barrier layer of the final cover system.
  - c. Surface water contaminated with ash.
2. If any event listed in Section IV.C.1. of this Permit occurs during business hours, Invista shall report the event to CAPS by telephone at 302-739-9403. At all other times, the report shall be made to the Department's toll-free 24-hour line at 1-800-662-8802.

3. Invista shall submit a written notification to the Department within five business days following any event requiring "Emergency Reporting". The notification shall include the following:
  - a. Date and time of occurrence/discovery.
  - b. Date and time of reporting.
  - c. Agencies notified.
  - d. Materials and quantities involved.
  - e. Narrative describing how the incident occurred and the actions taken by Invista and other response personnel.
  - f. Report of injuries/damage.
  - g. Proposal for follow-up or remedial actions required and schedule.

#### D. Assessment of Corrective Measures

1. Invista shall notify the Department within seven business days after verified analytical data has confirmed that a release (other than an historic or past release previously reported to the Department) in excess of applicable performance standards or trends established for surface and groundwater at the Seaford site has taken place. Confirmation samples shall be collected from the appropriate monitoring points within 14 days. These samples shall be analyzed under a priority schedule for the indicator parameters and any other parameters deemed appropriate by the Department. Invista shall notify the Department of the results of the confirmation sampling within seven days of receipt of the results.
2. If the confirmation sampling and analysis indicates that no release in excess of applicable performance standards or trends established for surface and groundwater at the Seaford site has taken place, no further action shall be taken by the Department, and monitoring of the sampling location(s) shall be returned to its/their normal monitoring schedule. If the confirmation or re-sampling round of sampling does indicate that a release in excess of applicable performance standards

or trends established for surface and groundwater at the Seaford site has taken place, Invista shall perform an assessment of corrective measures within 90-days of confirmation of the release. This assessment shall include:

- a. Identification of the nature and extent of the release, which may require construction and sampling of additional wells, geophysical surveys, or other measures.
- b. Re-assessment of contaminant fate and potential contaminant receptors (wells and/or receiving streams).
- c. Evaluation of feasible corrective measures to:
  - (1) Prevent exposure to potentially harmful levels of contaminants (exceeding performance standards).
  - (2) Reduce, minimize, or prevent further contaminant releases.
  - (3) Reduce, minimize, or prevent the off-site migration of contaminants.

- E. If Invista is unable to comply with any of the reporting requirements listed within this permit, Invista shall provide written notice and justification to the Department at least two weeks prior to the reporting deadline for Departmental approval of the delay.
- F. Invista shall report to the Department any intentional or accidental deviation from any approved plan within one business day of the discovery of the deviation.
- G. Invista shall report any complaints from the public regarding odor, dust or litter at the ash landfill. Invista shall report this to CAPS and reporting may be via phone or email.

## V. RECORDKEEPING

A. General Recordkeeping and Maintenance: The following information must be recorded and maintained by Invista until the end of the post-closure period. Required information that is collected in hardcopy form may be scanned and stored electronically. This information must be available for inspection in Delaware, with reasonable notice by representatives of the Department:

1. Monitoring, testing, and analytical data required by this permit and DRGSW.
2. Copies of field notes, laboratory data sheets, and chain of custody forms for each sample analyzed.
3. Records of all inspections required by the Operations Plan and this permit.
4. Records of environmental complaints received by the facility manager concerning the landfill (i.e. dust).
5. Records that document that required training has been provided to all staff.
6. Repairs made on landfill control systems, including drawings showing the location of the repair.
7. Records of corrective measures required at the ash landfill.
8. A copy of the Closure Plan and the Post-Closure Plan for the ash landfill.
9. A copy of the Final Report for the closure of the ash landfill.
10. The Environmental Covenant required by this permit.

## VI. Evaluating, Optimizing, or Ending Post-Closure Care

- A. Duration of Permit: Once issued, this permit shall remain valid and enforceable throughout the post-closure care period (reference DRGSW, Section 6.11.1).
- B. At any time during the post-closure care period, the Department may reduce or eliminate any post-closure care permit requirements if Invista can demonstrate that the requirement is no longer necessary for the protection of human health and the environment. The Permittee may request the reduction or elimination of specific permit requirements after completing a performance-based evaluation. Performance-based evaluations shall include data review, a discussion of the proposed change and the anticipated impacts, as well as a plan to evaluate the impacts resulting from the proposed change or termination.
- C. Requirements for Ending Post-Closure Care
  - 1. Prior to the termination of the post-closure care period for the ash landfill, Invista shall provide an Environmental Covenant to the Department for its review. The Environmental Covenant shall be prepared in accordance with Section 6.11.5 of DRGSW and the requirements of 7 Del. C., Chapter 79, Subchapter II, and Invista shall record the Environmental Covenant within 60 days of the Department's concurrence. The Environmental Covenant shall include all property at the Seaford Power Ash Landfill used for solid waste disposal.
  - 3. Prior to the termination of the post-closure care permit, Invista shall provide performance-based evaluations of each landfill control system. Performance-based evaluations shall include data review, a discussion of the proposed change and the anticipated impacts, as well as a plan to evaluate the impacts resulting from the proposed change or termination. Landfill control systems include those systems that; that protect and monitor groundwater, stormwater, and landfill stability; and that provide for cap protection and maintenance.

## Permit Synopsis

May 15, 2009: Permit SW-09/01 was issued to Invista S.à r.l., Seaford Plant for the continued operation of the Invista S.à r.l. ash landfill. This permit incorporates the requirements of and replaces permit SW-98/01.

September 15, 2012: Permit SW-09/01 was modified to revise closure and post-closure care requirements for the ash landfill. This permit modification is considered a major permit modification in accordance with Section 4.1.7.3 of the Delaware's Regulations Governing Solid Waste.

May 8, 2017: Permit SW-09/01 was modified to delete closure requirements and edit post-closure care requirements for the ash landfill. This permit modification is not considered a major permit modification. Additionally, analyses for beryllium, boron, cadmium, cobalt, lead, molybdenum, thallium, and vanadium in October is no longer required.

September 14, 2022: CAPS administratively extended Permit SW-09/01 to complete the permit renewal process. CAPS also included some minor formatting updates to reflect current formatting. This modification is considered minor in accordance with Section 4.1.7 of DRGSW.

December 26, 2023: CAPS administratively extended Permit SW-09/01 to complete the permit renewal process. CAPS also included some minor formatting updates to reflect the name change from Invista S.à r.l. to Invista and the section name change from the Solid and Hazardous Waste Management Section to CAPS. This modification is considered minor in accordance with Section 4.1.7 of DRGSW.

December 16, 2024: CAPS administratively extended Permit SW-09/01 until December 31, 2025, to complete the permit renewal process. This modification is considered minor in accordance with Section 4.1.7 of DRGSW.

December 23, 2025: CAPS administratively extended Permit SW-09/01 until December 31, 2026, to complete the permit renewal process. Current style guidance was also imposed. This modification is considered minor in accordance with Section 4.1.7 of DRGSW.