

SECTION I. GENERAL PERMIT CONDITIONS

I.A. Scope and Effect of Permit

1. The Permittee is allowed to dispose of hazardous waste in accordance with the conditions of this permit. Any hazardous waste treatment, storage or disposal not authorized in this permit is prohibited. The Permittee must comply with the Georgia Hazardous Waste Management Act and the Rules for Hazardous Waste Management, Chapter 391-3-11, which Rules include certain portions of the Federal Hazardous Waste Regulations (found at 40 CFR 260-264, 270, and 124). Where a citation to the Federal Regulations is made in this permit, it refers to the specific regulations adopted by EPD.
2. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.
3. Compliance with this permit does not constitute a defense to any action brought by the Director under Section 18, Emergency Powers, of the Georgia Hazardous Waste Management Act, O.C.G.A. Section 12-8-75, as amended.
4. Nothing in this permit shall be construed to preclude the institution of any legal action under Section 3008 of the Federal Resource Conservation and Recovery Act (RCRA) or under the Georgia Hazardous Waste Management Act, O.C.G.A. Section 12-8-81 – Section 12-8-82, as amended.
5. This permit may be modified, revoked and reissued, or terminated for cause as specified in Rule 391-3-11-.11(7) and 40 CFR 270.41, 270.42, 270.43, 270.50(d) and 270.51(a). The filing of a request for a permit modification, revocation and reissuance, or termination; or the notification of planned changes or anticipated non-compliance on the part of the Permittee, does not stay the applicability of any permit condition.
6. The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

I.B. Management Requirements

1. The Permittee shall give notice to the Director as soon as possible of any planned physical alterations or additions to the permitted facility, or any planned changes in the process generating the hazardous waste, which changes might affect the performance of the permitted facility.
2. The Permittee shall maintain at the facility the following documents and amendments, revisions, and modifications to these documents:

- (a) Complete copy of this permit and permit application, including all amendments, revisions and modifications;
 - (b) Post-closure care plans;
 - (c) Operating record as required by 40 CFR 264.73;
 - (d) Inspection schedule logs;
 - (e) Corrective action plan;
 - (f) Groundwater sampling and analysis plan;
 - (g) Cost estimate for facility post-closure care as required by 40 CFR 264.144; and
 - (h) Proof of Financial assurance for post-closure and Corrective Action, as required by 40 CFR 264.145 and the Georgia Hazardous Waste Management Act, O.C.G.A Section 12-8-68, as amended.
3. All amendments, revisions and modifications to any plan or cost estimates required by this permit shall be submitted to the Director for approval and permit modification, as necessary.
4. When the Permittee becomes aware that the Permittee failed to submit any relevant facts in the permit application or submitted incorrect information in a permit application or in any report to the Director, the Permittee shall promptly submit such facts or information.
5. The Permittee shall at all times properly operate and maintain all facilities which are installed or used by the Permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of a back-up or auxiliary facility or similar systems only when necessary to achieve compliance with the conditions of this permit.
6. The Permittee may not commence treatment, storage or disposal of hazardous waste at any new or modified portion of the facility, or corrective action for contaminated groundwater and soil, until the Permittee has submitted to the Director by certified mail, or hand delivery, a letter signed by the Permittee and a registered professional engineer or, when appropriate, registered professional geologist, stating that the facility has been constructed or modified in compliance with the permit where appropriate; and the Director has inspected the modified or newly constructed facility and finds it is in compliance with the conditions of the permit; or the Director has either waived the inspection or, or within fifteen (15) days has not notified the Permittee of his or her intent to inspect.
7. The Permittee shall treat, store and dispose of all contaminated groundwater and other contaminated environmental media in accordance with all applicable Federal, State and local laws.

I.C. Monitoring and Reporting

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. The method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix I of 40 CFR 261. Laboratory methods must be those specified in the most recent editions of Test Methods for Evaluating Solid Waste: Physical/ Chemical Methods, SW 846; or Standard Methods for the Examination of Water and Wastewater; (or an equivalent method as specified in the Waste Analysis Plan). Sampling and analyses of groundwater samples shall be conducted in accordance with methods and procedures acceptable to the Director.
2. The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports and records required by this permit and records of all data used to complete the application for this permit, for a period of at least three (3) years from the date of the sample, measurement, report, or record. These periods are automatically extended during the course of any unresolved enforcement action regarding this facility and also may be extended at any time at the Director's discretion.
3. The Permittee shall maintain records on-site for all groundwater monitoring wells noted in the permit and associated groundwater surface elevations, including groundwater flow rate and direction, throughout the post closure care period.
4. Records of monitoring information shall include:
 - (a) The date, exact place and time of sampling or measurements;
 - (b) The individual(s) who performed the sampling or measurements;
 - (c) The date(s) analyses were performed;
 - (d) The individual(s) who performed the analyses;
 - (e) The analytical techniques or methods used; the method of sample preservation; and quality assurance methods;
 - (f) The flow directions and flow rates in the uppermost aquifer at least semiannually; and
 - (g) The results of such analyses and measurements.
5. The Permittee shall report to the Director or his/her representative orally within one (1) hour, but no later than twenty-four (24) hours from the time the Permittee becomes aware of any circumstances resulting from the operation of the hazardous waste management facility (including periods of noncompliance) which may endanger human health or the environment, including but not limited to:
 - (a) Release of any hazardous waste, hazardous waste constituent, or hazardous constituent that may cause endangerment to public drinking water supplies.
 - (b) Release or discharge of hazardous waste, hazardous waste constituent, hazardous constituent, or a fire or explosion which could threaten human health or the environment outside the facility.

The description of the occurrence shall include:

- (i) Name, address and telephone number of the owner or operator;
 - (ii) Name, address, and telephone number of facility;
 - (iii) Date, time, and type of incident;
 - (iv) Name and quantity of materials involved;
 - (v) The extent of injuries, if any;
 - (vi) An assessment of actual or potential hazards to the environment and human health outside the facility, where this is applicable; and
 - (vii) Estimated quantity and disposition of recovered material that resulted from the incident.
6. Within fifteen (15) days of becoming aware of any reportable incident as in I.C.5. above, which may endanger human health or the environment, the Permittee shall submit a written report of the incident covering the following:
- (a) Description of occurrence as in I.C. 5 above;
 - (b) Cause of occurrence;
 - (c) Period of occurrence, including exact dates and times;
 - (d) Time occurrence expected to continue (if not already corrected); and
 - (e) Steps taken or planned to reduce, eliminate, and prevent recurrence.
7. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date.
8. The Permittee shall report instances of non-compliance, other than those described in Conditions I.C.5 and I.C.7, semi-annually on July 15 (covering January 1 - June 30) and January 15 (covering July 1 - December 31). The report shall cover the information requested in Condition I.C.5 for each incident.
9. All reports or other information requested by the Director shall be signed and certified according to the requirements in 40 CFR 270.11.
10. The Permittee shall immediately notify the Environmental Protection Division through the Department of Natural Resources Emergency Operations Center of any spills or release of oil or a hazardous substance as soon as the Permittee knows of the spill or release, as required in O.C.G.A. Section 12-14-3.

I.D. Responsibilities

1. Right of Entry. The Permittee shall allow the Director of EPD, the Regional Administrator of EPA, and/or their authorized representatives, agents, or employees, upon the presentation of credentials and other documents as may be required by law, to:
 - (a) Enter at reasonable times upon the Permittee's premises where a regulated

- facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
 - (d) Sample or monitor, at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Georgia Hazardous Waste Management Act, any substances or parameters at any location.
2. Transfer of Permits. This permit is not transferable to any persons except after notice to the Director. This permit may be transferred to a new owner or operator only if it is modified or revoked and reissued pursuant to 40 CFR 270.40(b) or 40 CFR 270.41(b)(2). Before transferring ownership or operation of the facility during its operating life or during its post-closure care period, the Permittee shall notify the new owner or operator in writing of the requirements of 40 CFR Parts 264 and 270.
 3. Duty to Comply. The Permittee shall comply with all conditions of this permit, except to the extent and for the duration such non-compliance is authorized by an emergency permit. Any non-compliance with this permit constitutes a violation of the Georgia Hazardous Waste Management Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification or denial of a permit renewal application.
 4. Duty to Reapply. If the Permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the Permittee must submit a complete application for a new permit at least one hundred eighty (180) days before this permit expires. Pursuant to 40 CFR 270.51, this permit and all conditions herein will remain in effect beyond the permit's expiration date if the Permittee has submitted a timely and complete permit application for a new permit and, through no fault of the Permittee, the Director has not issued a new permit on or before the expiration date of this permit.
 5. Need to Halt or Reduce Activity Not a Defense. It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
 6. Duty to Mitigate. The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment or human health resulting from non-compliance with this permit.
 7. Duty to Provide Information. The Permittee shall furnish to the Director, within a reasonable time, any relevant information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with the permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept

by this permit.

8. Anticipated Non-Compliance. The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity, which may result in non-compliance with permit requirements.

I.E. Definitions

For purposes of this permit, terms used herein shall have the same meaning as those in 40 CFR Parts 124, 260, 264 and 270, unless this permit specifically provides otherwise; where terms are not defined in the regulations or the permit, the meaning associated with such terms shall be defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term.

1. Land Disposal Facility for the purposes of this permit is a facility and all contiguous property under control of the owner or operator that uses a surface impoundment, landfill, land treatment or waste pile unit to manage or dispose of hazardous waste pursuant to Section 12-8-66 of the Georgia Hazardous Waste Management Act, as amended, and RCRA Section 3004, as amended.
2. Hazardous Constituents for the purpose of this permit are those substances listed in 40 CFR Part 261 Appendix VIII and 40 CFR Part 264 Appendix IX, The Ground-Water Monitoring List, as revised or superseded.
3. Solid Waste Management Unit for the purposes of this permit includes, but is not limited to, any landfill, surface impoundment, waste pile, land treatment unit, incinerator, injection well, tank (including storage, treatment, and accumulation tanks), container storage unit, wastewater treatment unit, including all conveyances and appurtenances used in waste management or storm water handling, elementary neutralization unit, transfer station, or recycling unit from which hazardous waste, hazardous waste constituents or hazardous constituents might migrate, irrespective of whether the units were intended for the management of solid and/or hazardous waste.
4. Release for the purposes of this permit includes any unpermitted spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment of any hazardous waste, hazardous waste constituents or hazardous constituents.
5. Contamination for the purposes of this permit refers to the presence of any hazardous waste, hazardous waste constituent(s) or hazardous constituent(s) in a concentration, which exceeds the naturally occurring concentrations of that waste or constituent in the immediate vicinity of the facility (in areas not affected by the facility).
6. Corrective Action for prior or continuing releases from solid waste management units, as well as for other releases as described in Condition I.E.4. above, for the purposes of this permit shall be as specified in 40 CFR 264.101 and may include

"corrective action" as provided for in 40 CFR 264.100 and other remedial actions for any environmental media as deemed appropriate by the Director to protect public health or the environment. The terms "releases" and "other releases", when used in reference to corrective action requirements of this permit, shall not include releases that the Permittee can demonstrate have been fully remediated within thirty (30) days of discovery.

7. Area of Concern (AOC) for the purpose of this permit includes any area having a probable release of a hazardous waste, hazardous constituent, or hazardous waste constituent, which is not from a Solid Waste Management Unit and is determined by the Director to pose a current or potential threat to human health or the environment. Such areas of concern may require investigations and remedial action as required under the Georgia Hazardous Waste Management Act, Section 12-8-60, *et seq.* and 40 CFR 270.32(b)(2) in order to ensure adequate protection of human health and the environment.
8. Corrective Action Management Unit (CAMU) for the purposes of this permit includes any area within a facility that is designated by the Director under 40 CFR 264 Subpart S, for the purpose of implementing corrective action requirements under 40 CFR 264.101. A CAMU shall only be used for the management of remediation waste pursuant to implementing such corrective action requirements at the facility.
9. Temporary Unit (TU) for the purposes of this permit includes any temporary tanks and/or container storage areas used solely for treatment of storage of hazardous remediation waste during specific remediation activities. Designated by the Director, such units must conform to specific standards, and may only be in operation for a period of time as specified in this permit.
10. Qualified Groundwater Scientist for the purposes of this permit means a scientist or engineer who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and has sufficient training and experience in groundwater hydrology and related fields, as may be demonstrated by state registration, professional certifications, or completion of accredited university courses, that enable that individual to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport.
11. Remediation Waste for the purposes of this permit includes all solid and hazardous wastes, and all media (including groundwater, surface water, soils, and sediment) and debris, which contain listed hazardous wastes or which themselves exhibit a hazardous waste characteristic, that are managed for the purpose of implementing corrective action requirements under 40 CFR 264.101 and RCRA Section 3008(h). For a given facility, remediation wastes may originate only from within the facility boundary, but may include waste managed in implementing RCRA Sections 3004(v) or 3008(h) for releases beyond the facility boundary.

I.F. Conditions Related to Compliance with General Facility Standards
(40 CFR Part 264 Subparts B, C, D, E, G, H)

1. The Permittee must follow the procedures and plans described in detail in the permit application dated July 2022, revised June 2023, as amended, which are hereby incorporated by reference and include at least the following:
 - Post-Closure Plan, Section I
 - Corrective Action Program, Section B
 - General Inspection Schedule, Section F
 - Groundwater Sampling and Analysis Plan, Section B
2. The following activities must be carried out as prescribed in 40 CFR Part 264 Subparts B and E, and in accordance with the appropriate Sections of the permit application.
 - Repairs and Inspection Log – 40 CFR 264.15(c) and (d)
 - Security – 40 CFR 264.14 (b) and (c)
 - Personnel Training – 40 CFR 264.16
 - Operating Record – 40 CFR 264.73 and Disposition of Records – 40 CFR 264.74
 - Reports – 40 CFR 264.73, 264.74, 264.75 and 264.77
3. The following activities must be carried out as prescribed in 40 CFR Part 264 Subparts G and H and Section I of the permit application.
 - Post closure care and use of property – 40 CFR 264.117
 - Post closure plan, amendment of plan – 40 CFR 264.118
 - Notice to local land authority and in deed to property – 40 CFR 264.119 and 264.120
 - Financial Assurance for Post-Closure. Continuous compliance with 40 CFR 264.145 must be maintained by the Permittee for the amount of the cost estimate for post-closure and as required by 40 CFR 264.144 until released by the Director as provided in 40 CFR 264.145(i)
4. The Permittee must comply with 40 CFR 264.148 whenever necessary.

I.G. Special Conditions Applicable to Entire Facility

1. *The Permittee shall be required to certify no less often than annually that the Permittee has a program in place to reduce the volume and toxicity of hazardous waste that he generates to the degree determined by the Permittee to be economically practicable, and the proposed method of treatment, storage or disposal is that practicable method currently available to the Permittee which minimizes the present and future threat to human health and the environment, in accordance with 40 CFR 264.73(b)(9).*

SECTION II. POST CLOSURE CARE FOR A SURFACE IMPOUNDMENT CLOSED AS A LANDFILL

II.A. Unit Identification

The Permittee shall provide post-closure care for the closed surface impoundment, which was closed as a landfill with contaminated groundwater remaining in-place. The location of the closed impoundment/landfill is identified on Figure B-1 of the permit application.

II.B. Waste Identification

Hazardous waste K001 was managed in the surface impoundment until closure in 1988. All sludges, wastes and waste residues were removed from the unsaturated zone beneath the impoundment during closure. Contaminated groundwater remains in place.

II.C. Monitoring and Inspection

The Permittee shall follow the inspection schedule as discussed in Section F of the permit application and as required by 40 CFR 264.15 and 40 CFR 264.310.

II.D. Post-Closure Care

The Permittee shall perform post-closure care for the closed surface impoundment/landfill in accordance with the post-closure care plan in Section I of the permit application and as required by 40 CFR 264.228(b) and 264.310(b).

SECTION III. GROUNDWATER MONITORING AND CORRECTIVE ACTION FOR THE REGULATED UNIT

III.A. Monitoring Well Location and Construction

1. The Permittee shall install and/or maintain a groundwater monitoring system to comply with the requirements of 40 CFR 264.95, 264.97 and 264.100 as specified below:
 - (a) The Permittee shall maintain the following groundwater monitoring wells at the locations specified in Figure B-1 of the permit application.

<u>Group 1</u>	<u>Group 2</u>	<u>Group 3</u>	<u>Group 4</u>
Semi-Annual	Biennial (Appen IX)	Biennial	Water Level only
MW-4B	MW-4B	MW-3	MW-1
MW-9	MW-15	MW-3B	MW-1A
MW-11	MW-16	MW-5	MW-12
MW-15	MW-17	MW-6	MW-13
MW-16		MW-7	MW-14
MW-17		MW-8	

MW-18
MW-19
MW-20

MW-10

- (b) Groundwater monitoring wells MW-4B, MW-15, MW-16, and MW-17 shall define the point of compliance as required by 40 CFR 264.95.
 - (c) The Permittee shall maintain MW-7 as the background monitoring well.
2. The Permittee shall install and maintain additional groundwater monitoring wells as necessary to assess changes in the rate and extent of any contaminant plume, assess the effectiveness of corrective action, or as otherwise deemed necessary to maintain compliance with 40 CFR 264.95, 264.97, and 264.100. A plan specifying the design, location, and installation of any additional monitoring well(s) shall be submitted to the Director within ninety (90) days prior to any well installation, which, at a minimum, shall include:
- (a) Well construction techniques including casing depths and proposed total depth of well(s);
 - (b) Well development method(s);
 - (c) A complete description of well construction materials;
 - (d) A schedule of implementation for well construction; and
 - (e) Provisions for determining the lithologic character, hydraulic conductivity and grain size distribution for the applicable aquifer unit(s) at the location of the new well(s).
3. The Permittee shall maintain, in addition to wells referred to in conditions III.A.1 and III. A. 2., any additional wells identified in Figure B-1 of the permit application which are not part of the 40 CFR 264.100 corrective action monitoring system.

III.B. Groundwater Protection Standard

- (1) The groundwater protection standard, as required under 40 CFR 264.92, shall consist of Table 1, which lists the hazardous constituents and their respective concentration limits (presented in Section E-5 of the permit application) as required under 40 CFR 264.93 and 40 CFR 264.94, respectively.
- (2) The groundwater protection standard further applies to all hazardous waste, hazardous waste constituent, or hazardous constituent releases as deemed appropriate by the Director to protect human health and the environment.

TABLE 1

GROUNDWATER PROTECTION STANDARD

<u>Hazardous Constituents</u>	<u>Concentration Limits (mg/L)</u>
Phenol	Background*
2-Picoline	Background*
2-Chlorophenol	Background*
2,3,4-Methyphenol	Background*
2,4-Dimethylphenol	Background*
Naphthalene	Background*
4-Chloro-3-methylphenol (p-chloro-m-cresol)	Background*
o,m,p-Cresol (2,3,4-methyl phenol)	Background*
2-Methylnapthalene	Background*
2,4,6-Trichlorophenol	Background*
Acenaphthylene	Background*
2,3,4,6-Tetrachlorophenol	Background*
Acenaphthene	Background*
2,4-Dinitrophenol	Background*
Dibenzofuran	Background*
2,4-Dinitrotoluene	Background*
Fluorene	Background*
Pentachlorophenol	Background*
Phenanthrene	Background*
Anthracene	Background*
Carbazole	Background*
Fluoranthene	Background*
Benzo(a)anthracene	Background*
Chrysene	Background*
Benzo(b,k)fluoranthene	Background*
Benzo(a)pyrene	Background*
Dibenzo(a,h)anthracene	Background*
Ideno(1,2,3-cd)pyrene	Background*
Acetophenone	Background*
Styrene	Background*
Vinyl Chloride	Background*
Acetone	Background*
2-Butanone (MEK)	Background*
Benzene	Background*
4-Methyl-2-pentanone	Background*
Toluene	Background*
2-Hexanone	Background*
Ethylbenzene	Background*
o,m,p-Xylene	Background*

* To be determine according to procedures specified in 40 CFR 264.97

III.C. Compliance Period

1. The compliance period under 40 CFR 264.96 shall begin with the effective date of this permit and continue until the end of the post-closure care period defined in 40 CFR 264.117.
2. If the Permittee is engaged in a corrective action program at the end of the compliance period as defined in Condition III.C.1 above, the compliance period is extended until the Permittee demonstrates that the groundwater protection standard of 40 CFR 264.92 has not been exceeded for a period of three (3) consecutive years, as required by 40 CFR 264.96(c), and until corrective action as required under 40 CFR 264.100 has been terminated, as specified in Condition III.H.2.

III.D. Monitoring Program

The Permittee shall maintain a groundwater monitoring program to demonstrate the effectiveness of the corrective action program required under 40 CFR 264.100, and 40 CFR 264.101 as related to other releases intersecting any contaminant plume emanating from the regulated unit. Groundwater monitoring shall be conducted in conformance with the requirements of 40 CFR 264.100(d) and as specified below:

1. The Permittee shall collect, preserve, track, control, ship and analyze all groundwater samples as required by Condition III.F and as specified by the Sampling and Analysis Plan found in Section E-6 of the permit application.
2. The Permittee shall collect and analyze samples from background monitoring well MW-7 biennially for all constituents specified in Table 1 throughout the compliance period including any extension to the compliance period as defined under Condition III.C.2.
3. The Permittee shall collect and analyze samples semi-annually from all monitoring wells identified under Group 1 of Condition III.A.1(a) for all constituents specified in Table 1 throughout the compliance period including any extension to the compliance period as defined under Condition III.C.2.
4. The Permittee shall collect and analyze samples from one of those monitoring wells identified under Group 2 of Condition III.A.1.(a), plus any additional monitoring wells specified by the Director, for all constituents listed in Appendix IX of 40 CFR 264 at least biennially to determine whether additional hazardous constituents are present in the uppermost aquifer and, if so, what concentrations. This analysis shall be biennially rotated amongst the compliance point wells specified in Condition III.A.1.(b) so that each compliance point well will be sampled every eight (8) years. The Appendix IX analytical results shall be submitted to the Director within one hundred and twenty (120) days of the sampling event. If the Permittee determines that additional Appendix IX constituents exist in groundwater other than those constituents specified in Table 1, the Permittee may resample within one (1) month of receiving the laboratory analytical report and repeat the analysis. If the second analysis confirms the presence of additional hazardous constituents, or the Permittee chooses not to resample, then the Permittee

shall report the concentrations of these additional hazardous constituents to the Director within seven (7) days of receipt of the laboratory analytical results and add these additional hazardous constituents to Table 1.

5. The Permittee shall collect and analyze samples biennially from the monitoring wells identified under Group 3 of Condition III.A.1.(a) for those constituents specified in Table 1.
6. The groundwater monitoring program shall include a determination of groundwater surface elevation at all monitoring wells identified in Condition III.A.1.(a) at each sampling event.
7. The Permittee shall determine the groundwater flow rate and direction in the uppermost aquifer at least annually.
8. Compliance with the groundwater protection standard, as defined under Condition III.B., will be based upon groundwater monitoring data obtained under Condition III.D. that indicate that all constituents listed in Table 1 no longer exceed the groundwater protection standard at the point of compliance and throughout the contaminant plume. Comparisons for the purpose of determining compliance shall be made, when necessary, utilizing the statistical procedures described in 40 CFR 264.97(h) and (i).

III.E. Corrective Action Program

1. The Permittee shall conduct a corrective action program for contamination defined as originating from the unit defined in Condition II.A. to remove or treat in place any hazardous constituents above the groundwater protection standard (Condition III.B.) that exceed the concentration limits in Table 1 in groundwater between the point of compliance and the downgradient property boundary, as required under 40 CFR 264.100(e)(1), and beyond the property boundary, as required under 40 CFR 264.100(e)(2), unless the Permittee can demonstrate to the satisfaction of the Director that, despite the Permittee's best efforts, the Permittee was unable to obtain the necessary permission to undertake such action beyond the property boundary, or such action is not necessary to protect human health or the environment.
2. The Permittee shall treat, store and dispose of all contaminated groundwater in accordance with all applicable federal, state and local laws.
3. If the groundwater protection standard is met during the compliance period, the Permittee must continue corrective action to the extent necessary to ensure that the groundwater protection standard is not exceeded. Corrective action must continue until the groundwater protection standard has not been exceeded for three (3) consecutive years, as required under 40 CFR 264.100(f).

III.F. Sampling and Analysis Procedures

The Permittee shall use the following techniques and procedures when obtaining and analyzing samples from groundwater monitoring wells described in Condition III.A to

provide a reliable indication of the quality of the groundwater as required under 40 CFR 264.97(d and e):

1. Samples shall be collected, preserved, and shipped (when shipped off-site for analysis) in accordance with the procedures specified in Section E-6 of the permit application.
2. Samples shall be analyzed in accordance with the procedures specified in Section E-6 of the permit application or as specified in the most recent EPA Manual SW-846, using whichever procedure is most recent at the time of analysis.
3. Samples shall be tracked and controlled using the chain of custody procedures specified in Section E-6 of the permit application.
4. All samples must be analyzed by a laboratory meeting the Georgia Rules for Commercial Environmental Laboratory Accreditation as specified in Chapter 391-3-26.

III.G. Reporting, Recordkeeping, and Response

1. The Permittee shall enter all monitoring, testing, and analytical data obtained pursuant to Condition III.D. and Condition IV. Of this permit in the operating record as required by 40 CFR 264.73(b)(6).
2. The Permittee shall submit a report to the Director on the effectiveness of the corrective action program semi-annually, including all monitoring, testing, and analytical data obtained under Condition III.D.

III.H. Permit Modification

1. If the Permittee at any time determines that the corrective action program no longer satisfies the requirements of 40 CFR 264.100 or Condition III.E. for releases of hazardous waste, hazardous waste constituents, or hazardous constituents that originate from the regulated unit, he must, within ninety (90) days, submit an application for a permit modification to make any appropriate changes in the program.
2. If the Permittee meets or exceeds the requirements of 40 CFR 264.100 and meets the groundwater protection standard at the point of compliance and throughout the contaminant plume for three (3) consecutive years, the Permittee may submit an application for a permit modification pursuant to 40 CFR 270.41 and 40 CFR 270.42 to terminate corrective action and establish an alternate groundwater monitoring program.

III.I. Duty of Permittee

The Permittee shall assure that groundwater monitoring and corrective action measures necessary to achieve compliance with 40 CFR 264.100 and the groundwater protection standard are taken during the compliance period.

III.J. Inspection

The Permittee shall follow and document inspections performed in accordance with Section F. of the permit application. All monitoring wells and piezometers installed by the Permittee shall be inspected at least annually and during each sampling event.

SECTION IV. CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS

IV.A. Applicability

The requirements of this section apply to the determination of the need for, and subsequent implementations, of corrective action for releases from all solid waste management units (SWMUs) contained within the facility property boundary as required by 40 CFR 264.101(a) and, as required by 40 CFR 264.101(c), those extending beyond the facility property boundary. The requirements of this section apply specifically to any additional SWMUs discovered after the date of issuance of this permit due to groundwater monitoring, on-going field investigations, environmental audits and other means.

IV.B. Notification and Assessment Requirements for Newly Identified SWMUs

1. Within fifteen (15) days of the Permittee's discovery of any SWMUs under Condition IV.A., the Permittee shall notify the Director in writing of such discovery.
2. The Director shall notify the Permittee in writing of the discovery of any SWMUs under Condition IV.A.
3. Within sixty (60) days of the Permittee's discovery pursuant to Condition IV.B.1. or within sixty (60) days of receipt of the Director's notification under Condition IV.B.2., the Permittee shall submit to the Director the following information for each SWMU:
 - (a) Location on a topographic map of appropriate scale as required under 40 CFR 270.14(b)(19);
 - (b) Designation of type and function of the unit;
 - (c) General dimensions, capacities and structural description (supply any available plans/drawings);
 - (d) Dates of that the unit was operated;
 - (e) Specification of all wastes that have been managed at/in the SWMU to the extent available; and
 - (f) All available information pertaining to any release of hazardous waste, hazardous constituents or hazardous wastes constituents (to include groundwater data, soil analyses, air and/or surface water data).
4. The Director shall review the information submitted pursuant to Condition IV.B.3. and notify the Permittee in writing as to the need for further investigation

and /or corrective action as required by Conditions IV.D., IV.F. or IV.G.

IV.C. Notification Requirements for Newly Discovered Releases at Previously Identified SWMUs

1. Within thirty (30) days of the Permittee's discovery of a previously unidentified release(s) from any SWMU identified under IV.A., the Permittee shall notify the Director in writing of such discovery.
2. The Director shall notify the Permittee in writing of the discovery of any previously unidentified release(s) from any SWMU previously discovered under Condition IV.A.
3. Within ninety (90) days of the date of the Permittee's discovery under Condition IV.C.1. or within ninety (90) days of the date of receipt of the Director's notification under IV.C.2., the Permittee, if requested by the Director, shall submit to the Director a RCRA Facility Investigation Work Plan pursuant to Condition IV.F.

IV.D. Verification Investigation

1. The Director may require the Permittee to submit a Verification Investigation (VI) Work Plan for any SWMU discovered under Condition IV.A. on a schedule to be determined by the Director. The VI Work Plan shall describe all actions necessary to verify the presence or absence of a release from any SWMU discovered after the date of issuance of this permit. The VI Work Plan shall include a schedule of implementation, which includes intermediate milestones beginning with the Permittee's receipt of the Director's written approval of the VI Work Plan continuing through submission of the VI Report required by Condition IV.D.3.
2. Upon receipt of the Director's written approval of the VI Work Plan, the Permittee shall implement the Work Plan in accordance with the schedule of implementation contained therein.
3. The Permittee shall submit a VI Report in accordance with the schedule of implementation contained within the approved VI Work Plan. The VI Report shall describe all actions taken to verify the presence or absence or releases, including all data collected during the VI. The Director shall review the VI Report and notify the Permittee in writing of the need for further investigation and/or corrective action pursuant to Condition IV.F. and/or IV.G.

IV.E. Interim Measures (IM)

1. The Permittee may conduct interim measures to contain, remove or treat contamination resulting from releases from any SWMU or AOC as necessary to protect human health and the environment. Such interim measures may be conducted concurrently with any investigations required by this permit.

2. Within thirty (30) days of the Permittee's determination that interim measures are necessary, or within thirty (30) days of receipt of the Director's written notice that interim measures are necessary, the Permittee shall submit to the Director an Interim Measures (IM) Workplan. The IM Workplan shall describe all measures necessary to contain, remove or treat contamination resulting from releases from any SWMU or AOC. The IM Workplan shall include a schedule of implementation which includes intermediate milestones beginning with the Permittee's receipt of the Director's written approval of the IM Workplan and continuing through submission of the IM Report required by Condition IV.E.5.
3. Upon receipt of the Director's written approval of the IM Workplan, the Permittee shall implement the Workplan in accordance with the schedule of implementation contained therein.
4. The Permittee shall provide written notice to the Director as soon as possible of any planned changes, reductions or additions to the interim measures described in the IM Workplan.
5. The Permittee shall submit an IM Report in accordance with the schedule of implementation contained in the approved IM Workplan. The IM Report shall describe all interim measures taken to contain, remove or treat contamination resulting from releases from any SWMU or AOC. The IM Report shall also provide a summary of all data or other information obtained during implementation of the IM Workplan and a summary of the effectiveness of the interim measures in achieving the objective of Condition IV.G.

IV.F. RCRA Facility Investigation (RFI)

1. Within ninety (90) days of the effective date of this permit for any SWMU identified pursuant to Condition IV.A. and within ninety (90) days of the date of receipt of the Director's written notice pursuant to Conditions IV.B.4., IV.C.3. and/or IV.D.3., the Permittee shall submit to the Director a complete RFI Work Plan.
2. The RFI Work Plan shall provide a description of the specific actions necessary to determine the nature and extent of releases from any SWMU identified by Condition IV.A., IV.B., IV.C. and IV.D., including potential migration pathways for those releases (e.g. air, land, surface water, and groundwater), actual or potential receptors and applicable background concentrations. The Permittee must provide sufficient justification that migration through a potential pathway is not likely if a potential migration pathway associated with a release is not included in the Work Plan. Such deletions are subject to the approval of the Director.
3. The RFI Work Plan shall include a schedule of implementation, which includes intermediate milestones beginning with the Respondent's receipt of the Director's written approval of the RFI Work Plan and continuing through submission of the RFI Report required by Condition IV.F.4. Upon approval by the Director, the

Permittee shall implement the RFI Work Plan in accordance with the schedule contained in the approved Work Plan.

4. The Permittee shall submit a complete RFI Report in accordance with the schedule of implementation contained in the approved RFI Work Plan. The Report shall provide a summary of all activities undertaken during the RFI to implement the approved Work Plan. The Report shall provide a complete description of the nature and extent of all releases evaluated during the RFI including sources, migration pathways, actual or potential receptors and applicable background concentrations. The RFI Report shall address all releases, which extend beyond the facility property boundary unless the Permittee demonstrates to the Director's satisfaction that despite the Permittee's best efforts, the Permittee was unable to obtain permission to undertake actions required by the Work Plan, or such action is not necessary to protect public health or the environment.
5. The Director shall review the RFI Report required under Condition IV.F.4. and notify the Permittee in writing of the need for further investigation and/or corrective action as required by Condition IV.G. and 40 CFR 264.101(a).

IV.G. Corrective Action

1. Within ninety (90) days of the Permittee's receipt of the Director's written notice referenced in Condition IV.B.4., IV.D.3., or IV.F.5., the Permittee shall submit a Corrective Action Plan (CAP) to the EPD. The CAP shall provide a description of the corrective measures to be taken with regard to releases from any SWMU identified in Condition IV.B.4., IV.D.3. or IV.F.5., as necessary to protect human health and the environment. The CAP shall be submitted as a request for permit modification in accordance with 40 CFR 270.42.
2. The CAP shall include a schedule of implementation, intermediate milestones beginning with the approval of the permit modification requested pursuant to Condition IV.I. and continuing through the post-closure period.
3. The CAP shall include a calculation of the cost of the proposed corrective action, an explanation of how the Permittee intends to demonstrate financial responsibility for the proposed corrective action, and applicable financial statement(s). The Permittee shall be required to formally demonstrate financial responsibility for such corrective action, as required by 40 CFR 264.101(b), within thirty (30) days of the date the Director issues a modified permit incorporating the CAP.

IV.H. Schedule of Compliance

1. All plans and reports required by this Section are subject to the approval of the Director prior to implementation. The Director shall specify in writing any deficiencies of any plan and/or report submitted by the Permittee pursuant to this Section of the permit, including a schedule for resubmission of revised documents

to address said deficiencies.

2. For any schedule of implementation required by this Section, if the time required to complete any interim activity is more than one (1) year, the schedule shall specify interim dates for the submission of reports of progress towards satisfaction of the interim requirements.
3. Extensions of the due date for the submittal of any plan or report may be granted by the Director based on the Permittee's demonstration that sufficient justification for the extension exists.
4. Upon approval by the Director, all plans and reports shall be enforceable as conditions of this permit.
5. If at any time the Director determines that any plan or report required under this Section no longer satisfies the requirement of this permit or 40 CFR 264.101, the Director will so notify the Permittee in writing and request that an amended plan or report be submitted in accordance with a schedule to be specified.

IV.I. Permit Modification

If required to develop a corrective action plan under Condition IV.G., the Permittee shall apply for a permit modification pursuant to 40 CFR 270.42 to incorporate the plan into the permit.