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HAZARDOUS WASTE FACILITY PERMIT WITH TRANSMITTAL LETTER NSB KINGS BAY  
GA  
9/29/1989  
GEORGIA DEPARTMENT OF NATURAL RESOURCES

# Georgia Department of Natural Resources

205 Butler Street, S.E., Suite 1252, Atlanta, Georgia 30334

J. Leonard Ledbetter, Commissioner  
404/656-3600

September 29, 1989

31547.000

09.01.00.0007

Commanding Officer  
Naval Submarine Base  
Kings Bay, Georgia 31547

Re: Hazardous Waste Facility Permit  
Naval Submarine Base

Dear Sir:

In accordance with Condition I.A.5. of your existing Hazardous Waste Facility Permit, Number HW-014(S), and for the cause of your request for major modification to that Permit, said Permit is hereby revoked and reissued. The new Permit Number is HW-014(S)(2). No comments were received during the public notice period for this permitting action. The final permit reflects minor changes made by the EPD in the wording of the draft permit. This permit is effective upon issuance; however, it is subject to appeal for a period of thirty days following issuance.

The permit contains specific operating and monitoring requirements which must be met. Attached to the permit is a copy of the Georgia Rules for Hazardous Waste Management, which will be applicable during the ten (10) year life of the permit.

Should you have questions concerning this permit, please contact Mr. Billy Hendricks at 404/656-2833.

8-17-92 - *Rozie Young*

Sincerely,

*J. Leonard Ledbetter*  
J. Leonard Ledbetter  
Commissioner

JL:bn

Enclosures

Post-It™ brand fax transmittal memo 7671 # of pages 12

To	Mark Taylor	From	Jim Moore
Co.	SWFLANT	Co.	SUBASE
Dept.	X 0573	Phone #	4759
Fax #	803 743-0563	Fax #	9040



State of Georgia  
Department of Natural Resources  
ENVIRONMENTAL PROTECTION DIVISION



HAZARDOUS WASTE FACILITY PERMIT

Permit No. HW-014(S)(2)

Facility I.D. No. GA4170090001

In accordance with the provisions of the Georgia Hazardous Waste Management Act and the Rules, Chapter 391-3-11, (as amended through Feb. 1, 1988 ), adopted pursuant to that Act,

Naval Submarine Base

is issued a Permit for the following:

Storage in containers of 68,200 gallons of hazardous wastes

at the following location:

Building 6020  
Naval Submarine Base  
Kings Bay, Georgia 31547

This Permit is conditioned upon compliance with all provisions of the Georgia Hazardous Waste Management Act, the Rules, Chapter 391-3-11 (as amended through Feb. 1, 1988 ) adopted pursuant to that Act, and any other condition of this Permit.

This Permit is subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in the application(s) dated Nov. 5, 1988 supporting data entered therein or attached thereto, or any subsequent submittals or supporting data; or for failure to disclose fully all relevant facts; or when the facility poses a threat to the environment or the health of humans.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 11 page(s), which page(s) are a part of this Permit.

Permit Issuance Date: Sept. 29, 1989  
Permit Termination Date: Sept. 29, 1999

  
Director  
Environmental Protection Division

Permit Number: HW-014(S)(2)

Naval Submarine Base, Kings Bay, Georgia, GA4170090001 is hereinafter referred to as the Permittee.

## SECTION I. GENERAL PERMIT CONDITIONS

### A. Scope and Effect of Permit

1. The Permittee is allowed to store 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, 266, 268-270, and 124). Where a citation to the Federal Regulations is made in this permit, it refers to the specific regulations adopted by EPA.
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. § 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 or under the Georgia Hazardous Waste Management Act, O.C.G.A. §§ 12-8-81 - 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 §270.41, 270.42 and 270.43. The filing of a request for a permit modification, revocation and reissuance, or termination or the notification of planned changes or anticipated noncompliance 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.

### B. Management Requirements

1. The Permittee shall give notice to the Director at least sixty days prior to any planned physical alterations or additions to the

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permitted facility or of 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 until closure is completed and certified by an independent registered professional engineer, the following documents and amendments, revisions and modifications to these documents:
  - (a) Complete copy of this permit and permit application
  - (b) Waste Analysis Plan
  - (c) Personnel training documents and records
  - (d) Contingency plan
  - (e) Closure and post-closure plans
  - (f) Operating record
  - (g) Inspection schedule log
3. All amendments, revisions and modifications to any plan, equipment, 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.

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).

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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 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. 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
  - (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 results of such analyses.
4. The Permittee shall report to the Director or his representative orally within 1 hour 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 health or the environment. This requirement includes, but is not limited to, any release or discharge to any environmental medium (including releases or discharges contained in a secondary containment structure) of any oil, hazardous material or hazardous waste, or a fire or explosion.

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 applicable; and
  - (vii) Estimated quantity and disposition of released and recovered material that resulted from the incident.
5. Within fifteen days of becoming aware of any reportable incident as in C-4 above, the Permittee shall submit a written report of the incident covering the following:
    - (a) Description of occurrence as in C-4 above
    - (b) Cause of occurrence
    - (c) Period of occurrence, including exact dates and times

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- (d) Time occurrence expected to continue (if not already corrected)
  - (e) Steps taken or planned to reduce, eliminate, and prevent recurrence.
6. 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 14 days following each schedule date.
  7. The Permittee shall report instances of non-compliance, other than those described in conditions C-4 and C-6, quarterly on April 15 (covering January 1 - March 31), July 16 (covering April 1 - June 30), October 15 (covering July 1 - September 30), and January 16 (covering October 1 - December 31). The report shall cover the information requested in condition C-4 for each incident.
  8. All reports or other information requested by the Director shall be signed and certified according to the requirements in §270.11.

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 may be transferred to a new owner or operator only if it is modified or revoked and reissued pursuant to §270.41(b)(2) or §270.42(d). Before transferring ownership or operation of the facility during its operating life, the Permittee shall notify the new owner or operator in writing of the requirements of 40 CFR Parts 264 and 270.

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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 for 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 180 days before this permit expires.
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 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.

#### E. Definitions

For purposes of this permit, terms used herein shall have the same meaning as those in 40 CFR Parts 124, 260, 261, 264, 268 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: A facility that uses a surface impoundment, landfill, land treatment or waste pile unit to manage or dispose of hazardous waste pursuant to §12-8-66 of the Georgia Hazardous Waste Management Act, as amended, and §3004 of RCRA, as amended.
2. Hazardous waste or hazardous constituents for the purpose of this permit are those substances listed in 40 CFR Part 261 Appendices VII and VIII and Part 264 Appendix IX as revised or superseded.

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3. Solid Waste Management Unit: 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, elementary neutralization unit, transfer station, or recycling unit from which hazardous waste or hazardous constituents might migrate, irrespective of whether the units were intended for the management of solid and/or hazardous waste.
4. Release: Any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment of any hazardous waste or hazardous constituents.
5. Contamination: The presence of any hazardous waste or hazardous constituents in a concentration which exceeds the naturally occurring concentration of that waste or constituent in that geographical region.
6. Corrective action for prior or continuing releases from solid waste management units as well as for other releases as described in 4. above: "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.

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 November 5, 1988, as amended, which are hereby incorporated by reference and include at least the following:

. Waste Analysis Plan	Section C
. Contingency Plan	Section G
. Inspection Schedule	Section F-2
. Closure and Post-Closure Plans	Section I
. Training Program	Section H
2. The following activities must be carried out as prescribed in 40 CFR Part 264 Subparts B, C, D, and E.

. Security - 264.14(b) and (c)
. Repairs and inspection Log - 264.15(c) and (d)
. Annual review of training - 264.16(c)
. General requirements for ignitable, reactive and incompatible wastes - 264.17
. Design and operation - 264.31 and Maintain aisle space - 264.35
. Access to communications or alarm system - 264.34
. Testing and maintenance of equipment - 264.33
. Arrangements with local authorities - 264.37
. Amendment of contingency plan - 264.54

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- . Operating record - 264.73 and Disposition of records - 264.74
  - . Reports - 264.75 and 264.77
3. The following activities must be carried out as prescribed in 40 CFR Part 264 Subparts G and H.
- . Closure in accordance with the approved Plan - 264.113
  - . Amendment of Closure Plan and Notification of Closure - 264.112(b) and (c)
  - . Disposal or decontamination of equipment - 264.114
  - . Certification of Closure - 264.115
- 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).
  2. The Permittee shall comply with all provisions of 40 CFR 268 (Land Disposal Restrictions) for all wastes to which they are applicable.
  3. All satellite accumulation areas including those at tenant commands shall be operated in accordance with all requirements of Section 391-3-11-.08 (40 CFR 262 Subpart C). Accumulated waste at any such area shall be removed within three days of completion of accumulation to SUBASE Building 6020, or to the proper 90-day accumulation area, the Temporary Containment Areas (TCAs) at each tenant command.

## SECTION II. STORAGE IN CONTAINERS

### A. General

The conditions in this section apply only to the container storage area identified as Building 6020, Hazardous Waste Storage and Transfer Facility, described in Section D and depicted in Figures D-1 through D-5 of the permit application dated November 5, 1988, as amended.

### B. Conditions Related Solely to Storage in Containers

1. Storage in containers is expressly limited to Building 6020, the Hazardous Waste Container Storage and Transfer Facility described in Section D of the permit application and depicted in Figure D-1.
2. The Permittee is authorized to store a maximum of 68,200 gallons of hazardous waste in containers.

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3. If a container holding hazardous waste is not in good condition, or if it begins to leak, the Permittee shall transfer the hazardous waste from such container to a container which is in good condition.
4. Containers must be managed according to 264.173.
5. Spilled or leaked waste and accumulated precipitation must be managed per 264.175(b)(5).
6. Incompatible wastes and materials must be managed according to 264.177.
7. No lab-packed waste as defined in 264.316(a) through (d) shall be opened, decanted and combined with other wastes or repackaged into larger containers.

SECTION III. CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS (SWMUs) AND OTHER RELEASES

A. Applicability and Certification

1. The conditions of this Section apply to the determination of need for, and subsequent implementation of, corrective action for releases from all SWMUs and other releases, both those contained within the facility property boundary and, as required by §12-8-66 of the Georgia Hazardous Waste Management Act, those extending beyond the facility property boundary. All submittals made under this Section shall be certified in accordance with 40 CFR 270.11.
2. The conditions of this Section specifically apply to the following SWMUs and other releases identified by the RCRA Facility Assessment (RFA) report which was completed by the Director as of the effective date of this permit as those for which an RFI plan will be required under Condition III.C.1.:

The following SWMU's as identified in NEESA report 13-086, Initial Assessment Study of Naval Submarine Base Kings Bay, Georgia:

- Site 5, Army Reserve Disposal Area, Towhee Trail
  - Site 11, Old Camden County Landfill
  - Site 12, Army Reserve Disposal Area, Future Dry Dock (investigation to continue at the present location of the waste in the Dredge Spoil Area)
  - Site 16, Army Reserve Disposal Area near Old Sewage Lagoon 3990
3. The conditions of this Section also apply to any other SWMUs or releases discovered subsequent to the completion of the RFA report referenced in Condition III.A.2. or not otherwise identified in the RFA report.

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**B. RCRA Facility Assessment (RFA)**

1. For those SWMUs and releases identified in Condition III.A.3. above, the Permittee shall prepare a RFA report. The report shall describe the methods and specific actions used to determine whether a prior or continuing release of hazardous waste, hazardous constituents or hazardous waste constituents has occurred. The report must include, at a minimum, the following information and any other appropriate information necessary to determine the need for an RFI as required under Condition III.C.:
  - . Type and function of unit;
  - . Location of each unit on a topographic map of appropriate scale;
  - . General dimensions and capacities;
  - . Dates that the unit was operated;
  - . Description of the wastes that were placed in the unit; and
  - . Description of any known releases or spills (to include groundwater data, soil analyses, and/or surface water data).
2. The report(s) required under Condition III.B.1. shall be completed and submitted to the Director within sixty (60) days of the date of discovery of any SWMU or release.
3. The Director shall review RFA report(s) required under Condition III.B.1. and determine those SWMUs and releases from which residual contamination or continuing releases have resulted, and shall notify the Permittee whether an RFI plan will be required under Condition III.C.2. for those SWMUs or releases.

**C. RCRA Facility Investigation (RFI)**

1. The Permittee shall complete and submit an RFI plan for those units or releases referenced in Condition III.A.2. within six (6) months of the effective date of this permit. The plan shall include a schedule of implementation and a description of the specific actions necessary to determine the nature and extent of releases identified by the RFA report, including potential migration pathways for those releases (i.e. 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 plan. Such deletions are subject to the approval of the Director.
2. The Permittee shall complete and submit an RFI plan for those SWMUs or releases referenced in Condition III.B.3. within ninety (90) days of the date of notification under Condition III.B.3. The plan shall include a schedule of implementation and a description of the specific actions necessary to determine the nature and extent of subject releases, including sources, potential migration pathways (i.e. air, land, surface water, groundwater), actual or potential receptors and applicable background concentrations. The Permittee must provide

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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 plan. Such deletions are subject to the approval of the Director.

3. Upon approval by the Director of plan(s) required by Conditions III.C.1. and 2., the Permittee shall conduct the RFI in accordance with the schedule contained in the approved plan.
4. The Permittee shall complete and submit an RFI report in accordance with the schedule contained in the plan required by Conditions III.C.1. and 2. The report shall provide a summary of all activities undertaken during the RFI to implement the approved plan. The report shall provide a complete description of the nature and extent of all releases identified 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 plan(s), or such action is not necessary to protect public health or the environment.

D. Corrective Action

1. The Director shall review the RFI report required under Condition III.C.4. Upon determination that the report is complete, the Director shall specify to the Permittee those SWMJs or releases identified in such RFI report for which corrective action conforming to § 264.101(a) will be required.
2. Upon notification from the Director that corrective action is needed, the Permittee shall submit a corrective action plan in accordance with a schedule to be determined by the Director. The plan shall provide a description of the corrective measures to be taken with regard to those SWMJs or releases identified under Condition III.D.1., including a schedule of implementation for such corrective action.
3. Upon approval by the Director of any plan required by Condition III.D.2., the Permittee shall implement any required corrective action in accordance with the schedule in the approved plan.
4. If required to develop a corrective action plan under Condition III.D.2., the Permittee shall apply for a permit modification pursuant to §270.41 to incorporate the plan into the permit.

E. Interim Measures

1. The Permittee may conduct interim measures to contain, remove or treat contamination resulting from the release of hazardous constituents from a SWMU or release in order to protect public health and the

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- environment, upon approval by the Director. Such interim measures may be conducted concurrently with investigations required under the terms of this permit.
2. The Permittee shall notify the Director of any proposed interim measures at least thirty (30) days prior to implementation. The notice shall include a description and a schedule of implementation of any proposed interim measures.
  3. The Permittee shall give notice to the Director as soon as possible of any planned changes, reductions or additions to the interim measures.
  4. Incorporation of interim measures into the corrective action plan shall be done in accordance with Condition III.D.3.
  5. Upon completion of interim measures, the Permittee shall complete and submit an interim measures report. The report shall provide the following information:
    - i. A description of interim measures implemented;
    - ii. A summary of all data or other information obtained during implementation of interim measures; and
    - iii. A summary of the effectiveness of the interim measures in achieving the objective of Condition III.E.1.

F. Schedule of Compliance

1. If the Permittee at any time determines that any plan or report required under Condition III.B., C., D., or E. no longer satisfies the requirements of § 264.101 or this permit for prior or continuing releases of hazardous waste, hazardous constituents or hazardous waste constituents he must submit an amended plan or report to the Director within ninety (90) days of such determination.
2. All plans and schedules shall be subject to approval by the Director prior to implementation. The Permittee shall revise all submittals as specified by the Director.
3. For any schedule required by any plan or report, if the time required to complete any interim activity is more than one year, the schedule shall specify interim dates for the submission of reports of progress toward satisfaction of the interim requirements.
4. The results of all plans and reports shall be submitted in accordance with the approved schedule. Extensions of the due date for submittals may be granted by the Director based on the Permittee's demonstration that sufficient justification for the extension exists.
5. Upon approval by the Director all plans and schedules shall be enforceable as conditions of this permit.

(0323P)