

Florida Department of Environmental Regulation

Southwest District

3804 Coconut Palm

Tampa, Florida 33619

Lawton Chiles, Governor

813-744-6100

Carol M. Browner, Secretary

NOTICE OF PERMIT

Mr. Garry Breeden, Director
Sumter County
Department of Public Works
222 East McCollum Avenue
Bushnell, Florida 33513

DEC 29 1992

RECEIVED

JAN 4 1993

Re: Sumter County Landfill Long-Term Care

EA SOLID WASTE

Dear Mr. Breeden:

4060C60092 M

Enclosed is Permit Number SF60-211255, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Persons whose substantial interests are affected by this permit have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 17-103 and 28-5.201, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee 32399-2400, within fourteen (14) days of receipt of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Mr. Garry Breeden, Director
Sumter County Public Works

Page Two

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab

cc: John Springstead, P.E., Springstead Engineering
Kathy Anderson, FDER Tallahassee
Robert Butera, P.E., FDER Tampa
Steve Morgan, FDER Tampa

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 12-29-92 to the listed persons.

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant
the designated Department,
Clerk, receipt of which is
hereby acknowledged.

Jan Stevens
Clerk

12-29-92
Date



Florida Department of Environmental Regulation

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PERMITTEE

Mr. Garry Breeden, Director
Department of Public Works
Sumter County
222 East McCollum Avenue
Bushnell, Florida 33513

PERMIT/CERTIFICATION

GMS ID No: 4060C00092
Permit No: SF60-211255
Date of Issue: **DEC 29 1992**
Expiration Date: 11/1/97
County: Sumter
Lat/Long: 28°44'30"N
82°05'20"W
Sec/Town/Rge: 15/20S/22E
Project: Sumter County
Landfill Long-Term
Care

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-4, 17-25, 17-520, 17-522, 17-550, and 17-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with department and made a part hereof and specifically described as follows:

To provide long-term care, maintenance and groundwater monitoring for (approximately 30 acres), referred to as the Closed Sumter County Landfill, subject to the specific conditions attached. The site is located 1 mile east of Interstate 75 along the south side of C.R. 470, north of Bushnell, Sumter County, Florida.

Replaces Permit No.: SF60-146475

PERMITTEE: Garry Breeden PERMIT NO: SF60-211255
Sumter County Landfill Long-Term Care

SPECIFIC CONDITIONS:

1. This landfill site is classified as a closed Class I landfill. Long-term care, maintenance, and groundwater monitoring shall be provided in accordance with all applicable requirements of Chapters 17-4, 17-25, 17-520, 17-522, 17-550, and 17-701, Florida Administrative Code. Any construction on the closed landfill shall require a separate Department permit unless the Department determines a permit modification to be more appropriate.
2. The operating authority shall be responsible for the control of odors and fugitive particulates arising from this closed landfill. Such control shall prevent the creation of these nuisance conditions on adjoining property. Complaints received from the general public and confirmed by Department personnel upon site inspection shall constitute a nuisance condition and the permittee must take immediate corrective action to abate the nuisance.
3. Gas monitoring shall be provided annually and shall include monitoring of the site as specified in F.A.C. Chapter 17-701, and monitoring in and adjacent to all on-site structures. Test results shall be provided as a percent of the lower explosive limit (LEL). Test locations shall be shown on a drawing and described in a report. The report shall provide professional conclusions and recommendations regarding the adequacy of the existing gas venting and protective measures. The report shall be provided annually beginning March 1, 1993. Evidence of methane gas buildup or migration may necessitate installation of additional measures to control such buildup and/or migration.
4. In the event of damage to any portion of the closed landfill or related facilities, the permittee shall immediately notify the Department of Environmental Regulation explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be made within one week following the occurrence.
5. The site shall continue to have a surface water management system operated and maintained to prevent surface water flow onto the facility site, and a stormwater runoff control system operated and maintained to collect and control stormwater as indicated in the original construction permit submittal. Any significant modification of the approved stormwater design must be resubmitted to the Department for approval prior to implementation.
6. The site shall be properly maintained including erosion control, maintenance of grass cover, prevention of ponding, and gas venting system repairs.

SPECIFIC CONDITIONS

7. At least 30 days prior to performance of any sampling or analysis as required by this permit, the permittee shall provide proof to the Department that field and laboratory work done in connection with your routine groundwater monitoring is conducted by a firm possessing a Generic Quality Assurance Project Plan or a Comprehensive Quality Assurance Plan approved by the Department. The Quality Assurance Plan must specifically address the sampling and analytical work that is required by the permit. The Quality Assurance Plan shall be required from all persons performing sampling or analysis, and shall be followed by all persons collecting or analyzing samples related to this permit.

8. In accordance with Chapter 17-520, Florida Administrative Code, the new wells as part of the Groundwater Monitoring System shall be constructed and all wells sampled within ninety (90) days of the issuance of this permit. The permittee shall ensure that the groundwater monitoring system adequately monitors the existing site. Within one hundred and twenty (120) days after issuance of this permit, an evaluation regarding the effectiveness of the system shall be certified by the professional in-charge and submitted to the Department. The evaluation shall include but not be limited to a water table contour map and shall indicate the direction of groundwater flow. The report containing the evaluation shall also include new well construction information and sampling results.

9. Upon completion of any new well(s) constructed, the following information shall be provided:

Well identification	Driller's Log
Latitude/Longitude	Total depth of well
Aquifer monitored	Casing diameter
Screen Type and slot size	Casing type and length
Screen length	SWFWMD well construction
Elevation at top of pipe	permit numbers
Elevation at land surface	

10. The groundwater monitoring wells shall be located as shown on the attached drawing Figure No. 1 by Springstead Engineering dated November 6, 1992 as follows:

<u>Well Number</u>	<u>Aquifer</u>	<u>Location</u>
MW-1	Floridan	See Figure No. 1
MW-2	Floridan	See Figure No. 1
MW-4	Floridan	See Figure No. 1
MW-6A	Floridan	See Figure No. 1
MW-7	Floridan	See Figure No. 1
MW-8	Floridan	See Figure No. 1
MW-9	Floridan	See Figure No. 1

PERMITTEE: Garry Breeden PERMIT NO: SF60-211255
Sumter County Landfill Long-Term Care

SPECIFIC CONDITIONS (cont'd)

All wells are to be clearly labelled and easily visible at all times.

A surveyed drawing shall be submitted showing the location of all monitoring wells (active and abandoned) which will be horizontally located by metes and bounds or equivalent surveying techniques. The surveyed drawing shall include the monitor well identification number, location and elevation of all permanent benchmark(s) and/or corner monument marker(s) at the site. The survey shall be conducted by a Florida Registered Surveyor.

11. Upon completion of the new wells as part of the groundwater monitoring system, all groundwater monitoring wells shall be sampled for the following parameters:

- EPA 624/625 parameters (all compounds detected above 10 ug/L should be reported)
- EPA Priority Pollutant Metals
- Primary and Secondary Drinking Water Standards which are not included in the above items.
- Water Level
- Temperature
- Conductivity
- Ammonium
- Color

All groundwater monitoring wells shall be sampled quarterly for the following parameters:

- EPA 601/602 parameters
- Primary and Secondary Drinking Water Standards which are not included in the above item
- Water Level
- Temperature
- Conductivity
- Ammonium
- Color

This list of parameters could be modified depending on the results of the initial round of sampling and analysis for this permit application. After four quarters of sampling and analysis, the permittee may apply to modify the sampling parameters.

PERMITTEE: Garry Breeden PERMIT NO: SF60-211255
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SPECIFIC CONDITIONS;

12. All piezometers and wells not a part of the approved groundwater monitoring plan are to be plugged and abandoned in accordance with Chapter 17-21.10(4), F.A.C., and the Southwest Florida Water Management District. The permittee shall submit a written report to the Department providing verification of the plugged program. A written request for exemption to the plugging of a well must be submitted to the Department's Solid Waste Section for approval.

13. If at any time background groundwater standards are exceeded at the edge of the zone of discharge, the permittee has fifteen (15) days in which to resample the monitor well(s) to verify the original analysis. Should the permittee choose not to resample, the Department will consider the water quality analysis as representative of current groundwater conditions at the facility.

14. If any monitoring well becomes damaged or inoperable, the permittee shall notify the Department of Environmental Regulation immediately and a detailed written report shall follow within seven (7) days. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent the recurrence. All monitoring well design and replacement shall be approved by the Department prior to installation.

15. The field testing, sample collection and preservation and laboratory testing, including quality control procedures, shall be in accordance with methods approved by the Department in accordance with Chapters 17-4.246 and 17-3.401, F.A.C. Approved methods are published by the Department or as published in Standards Methods, A.S.T.M., or EPA methods shall be used. Approved methods for chemical analyses are summarized in the Federal Register, December 1, 1976 (41FR52780) except that turbidity shall be measured by the Nephelometric Method.

16. All groundwater monitoring analysis shall be reported on the Department Form 17-1.216(2), Quarterly Report on Groundwater monitoring. The permittee shall submit to the Department the results of the groundwater monitoring well water quality analysis no later than the fifteenth (15) day of the month immediately following the end of the sampling period. The results shall be sent to the Solid Waste Section, Department of Environmental Regulation, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8313.

17. The permittee shall ensure that the water quality standards for Class G-II groundwaters will not be exceeded at the boundary of the zone of discharge according to Sections 17-3.402 and 17-3.404, F.A.C.

SPECIFIC CONDITIONS;

18. The permittee shall ensure that the minimum criteria for groundwater specified in Section 17-3.402, F.A.C. shall not be violated within the zone of discharge.

19. Prior to 90 days before the expiration of the Department Permit, the permittee shall submit an evaluation of the Groundwater Monitoring Plan as per F.A.C. Rule 17-7.050(3)(e). The evaluation shall include all applicable information as required by F.A.C. Chapter 17-520, and shall include an assessment of the effectiveness of the existing landfill design and operation as related to the prevention of groundwater contamination. Any groundwater contamination that may exist, shall be addressed as part of a groundwater investigation for the landfill assessment. As part of the groundwater investigation, the permittee shall sample all groundwater monitoring wells for the Primary and Secondary Drinking Water parameters included in Chapter 17-550, Florida Administrative Code, Drinking Water Standards. The Groundwater Monitoring Plan shall be adequate to monitor any modifications to the existing landfill site including but not limited to closure.

20. The permittee shall provide financial assurance for this landfill site in accordance with F.A.C. Rule 17-701.076. Proof that the financial assurance has been funded adequately shall be provided to the Department annually. All submittals in response to this specific condition shall be submitted to: Financial Coordinator, Solid Waste Section, Department of Environmental Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

21. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

22. Prior to 90 days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

23. The permittee shall be aware of and operate under the attached "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

PERMITTEE: Garry Breeden
Sumter County Landfill Long-Term Care

PERMIT NO: SF60-211255

SPECIFIC CONDITIONS (cont'd)

24. By acceptance of this Permit, the permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

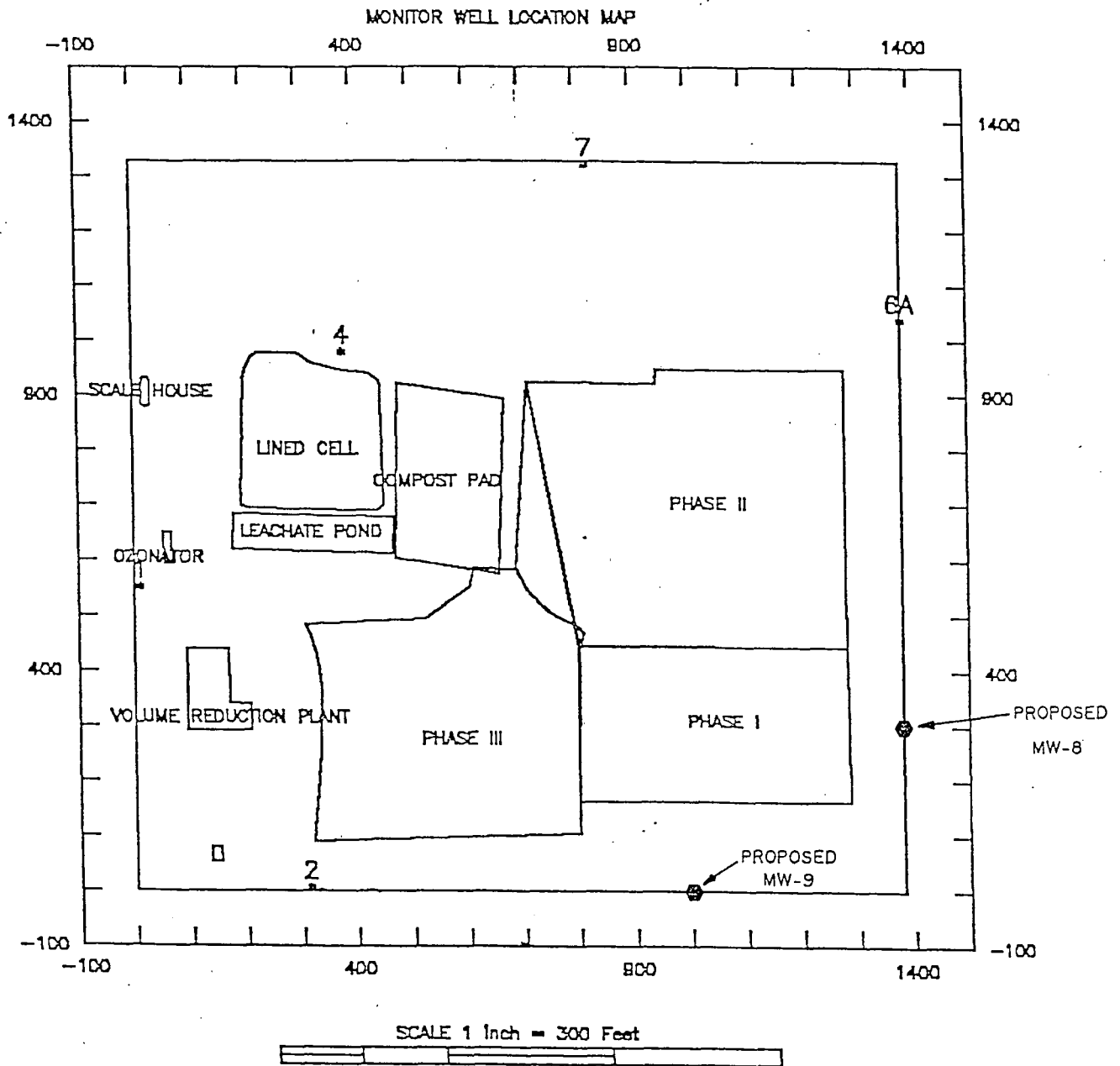
EXECUTED in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

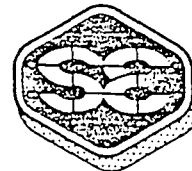


For Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY



SPRINGSTEAD ENGINEERING, INC.
 CONSULTING ENGINEERS - PLANNERS - SURVEYORS



727 S. 14TH STREET
 LEESBURG, FL 34748-5618
 (904) 787-1414

MONITORING WELL LOCATION MAP

SUMTER COUNTY SOLID WASTE FACILITY

SUMTER COUNTY, FLORIDA

Drawn By: DWS

Checked By: JWS

Date: 11/6/92

Job No.: 92-1100.00

FIGURE NO. 1

ATTACHMENT - GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- () Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.