LANCE R. LEFLEUR DIRECTOR



Alabama Department of Environmental Management

adem.alabama.gov

APRIL 18, 2022 1400 Coliseum Blvd. 36110-2400 Post Office Box 301463 Montgomery, Alabama 36130-1463

(334) 271-7700 = FAX (334) 271-7950

JOEL WILMOTH TERMINAL MANAGER WAPS PORT BIRMINGHAM 8250 BIRMINGPORT ROAD MULGA, AL 35118

RE: DRAFT PERMIT NPDES PERMIT NUMBER AL0045161

Dear Mr. Wilmoth:

Transmitted herein is a draft of the referenced permit.

We would appreciate your comments on the permit within **30 days** of the date of this letter. Please direct any comments of a technical or administrative nature to the undersigned.

By copy of this letter and the draft permit, we are also requesting comments within the same time frame from EPA.

Our records indicate that have utilized the Department's web-based electronic environmental (E2) reporting system for submittal of discharge monitoring reports (DMRs). The Department transitioned from the E2 Reporting System to the Alabama Environmental Permitting and Compliance System (AEPACS) for the submittal of DMRs on November 15, 2021. AEPACS is an electronic system that allows facilities to apply for and maintain permits as well as submit other required applications, registrations, and certifications. In addition, the system allows facilities to submit required compliance reports or other information to the Department. The Department has used the E2 User account information to set up a similar User Profile in AEPACS based on the following criteria:

- 1. The user has logged in to E2 since October 1, 2019; and
- 2. The E2 user account is set up using a unique email address.

E2 users that met the above criteria will only need to establish an ADEM Web Portal account (<u>https://prd.adem.alabama.gov/awp</u>) under the same email address as their E2 account to have the same permissions in AEPACS as they did in E2. They will also automatically be linked to the same facilities they were in E2.

The Alabama Department of Environmental Management encourages you to voluntarily consider pollution prevention practices and alternatives at your facility. Pollution Prevention may assist you in complying with effluent limitations, and possibly reduce or eliminate monitoring requirements.

If you have questions regarding this permit or monitoring requirements, please contact Wayne Holt by e-mail at WHolt@adem.alabama.gov or by phone at (334) 271-7847.

Sincerely.

Scottkamsey. Chief Industrial Section Industrial/Municipal Branch Water Division

Enclosure:

pc via website:

Montgomery Field Office EPA Region IV U.S. Fish & Wildlife Service

U.S. Fish & Wildlife Service AL Historical Commission Advisory Council on Historic Preservation Department of Conservation and Natural Resources

Birmingham Branch 110 Vulcan Road Birmingham, AL 35209-4702 (205) 942-6168 (205) 941-1603 (FAX) Decatur Branch 2715 Sandlin Road, S.W. Decatur, AL 35603-1333 (256) 353-1713 (256) 340-9359 (FAX)

Draft Permit



Mobile Branch 2204 Perimeter Road Mobile, AL 36615-1131 (251) 450-3400 (251) 479-2593 (FAX) Mobile-Coastal 3664 Dauphin Street, Suite B Mobile, AL 36608 (251) 304-1176 (251) 304-1189 (FAX)





NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE: WATCO ALABAMA PORT SERVICES, LLC.

- FACILITY: WATCO ALABAMA PORT SERVICES, LLC. 8250 BIRMINGPORT ROAD MULGA, ALABAMA 35118 JEFFERSON COUNTY
- PERMIT NUMBER: AL0045161
- RECEIVING WATERS: 001 LOCUST FORK OF BLACK WARRIOR RIVER 002 - LOCUST FORK OF BLACK WARRIOR RIVER 003 - LOCUST FORK OF BLACK WARRIOR RIVER 004 - LOCUST FORK OF BLACK WARRIOR RIVER 005 - LOCUST FORK OF BLACK WARRIOR RIVER

In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1388 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, **Code of Alabama 1975**, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended, **Code of Alabama 1975**, §§22-22A-1 to 22-22A-17, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.

ISSUANCE DATE:

EFFECTIVE DATE:

EXPIRATION DATE:

Draft

Alabama Department of Environmental Management

INDUSTRIAL SECTION NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

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PART I DISCHARGE LIMITATIONS, CONDITIONS, AND REQUIREMENTS

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS DSN001Q through DSN005Q: Stormwater runoff from the loading, unloading, and storage of coal, coke, iron ore, and gypsum 3/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from DSN001 through DSN005, which are described more fully in the Permittee's application. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Quantit	y or Loading	Units	(Quality or Concentration	on	Units	Sample Freq 2/	Sample Type 1/	Seasonal
pH (00400) Effluent Gross Value	****	****	****	6.0 Minimum Daily	****	9.0 Maximum Daily	S.U.	Quarterly	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	****	****	****	****	35.0 Daily Average	70.0 Maximum Daily	mg/l	Quarterly	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	****	****	****	****	****	15.0 Maximum Daily	mg/l	Quarterly	Grab	All Months
Phosphorus, Total (As P) (00665) Effluent Gross Value	****	****	****	****	****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Iron, Total (As Fe) (01045) Effluent Gross Value	****	****	****	****	3.0 Daily Average	6.0 Maximum Daily	mg/l	Quarterly	Grab	All Months
Manganese, Total (As Mn) (01055) Effluent Gross Value	****	****	****	****	2.0 Daily Average	4.0 Maximum Daily	mg/l	Quarterly	Grab	All Months
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	****	(Report) Maximum Daily	MGD	****	****	****	****	Quarterly	Estimate 4/	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

- Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.
- 2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.
- 3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.
- 4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

B. DISCHARGE MONITORING AND RECORD KEEPING REQUIREMENTS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge and shall be in accordance with the provisions of this permit.

2. Test Procedures

For the purpose of reporting and compliance, permittees shall use one of the following procedures:

- a. For parameters with an EPA established Minimum Level (ML), report the measured value if the analytical result is at or above the ML and report "0" for values below the ML. Test procedures for the analysis of pollutants shall conform to 40 CFR Part 136 and guidelines published pursuant to Section 304(h) of the FWPCA, 33 U.S.C. Section 1314(h). If more than one method for analysis of a substance is approved for use, a method having a minimum level lower than the permit limit shall be used. If the minimum level of all methods is higher than the permit limit, the method having the lowest minimum level shall be used and a report of less than the minimum level shall be reported as zero and will constitute compliance; however, should EPA approve a method with a lower minimum level during the term of this permit the permittee shall use the newly approved method.
- b. For pollutants parameters without an established ML, an interim ML may be utilized. The interim ML shall be calculated as 3.18 times the Method Detection Level (MDL) calculated pursuant to 40 CFR Part 136, Appendix B.

Permittees may develop an effluent matrix-specific ML, where an effluent matrix prevents attainment of the established ML. However, a matrix specific ML shall be based upon proper laboratory method and technique. Matrix-specific MLs must be approved by the Department, and may be developed by the permittee during permit issuance, reissuance, modification, or during compliance schedule.

In either case the measured value should be reported if the analytical result is at or above the ML and "0" reported for values below the ML.

c. For parameters without an EPA established ML, interim ML, or matrix-specific ML, a report of less than the detection limit shall constitute compliance if the detection limit of all analytical methods is higher than the permit limit using the most sensitive EPA approved method. For the purpose of calculating a monthly average, "0" shall be used for values reported less than the detection limit.

The Minimum Level utilized for procedures A and B above shall be reported on the permittee's DMR. When an EPA approved test procedure for analysis of a pollutant does not exist, the Director shall approve the procedure to be used.

3. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The facility name and location, point source number, date, time and exact place of sampling;
- b. The name(s) of person(s) who obtained the samples or measurements;
- c. The dates and times the analyses were performed;
- d. The name(s) of the person(s) who performed the analyses;
- e. The analytical techniques or methods used, including source of method and method number; and
- f. The results of all required analyses.
- 4. Records Retention and Production

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 required by the permit, and records of all data used to complete the above reports or the application for this permit, for a period of at least three years from the date of the sample measurement, report or application. This period may be extended by request of the Director at any time. If litigation or other enforcement action, under the AWPCA and/or the FWPCA, is ongoing which involves any of the above records, the records shall be kept until the litigation is resolved. Upon the written request of the Director or his designee, the permittee shall provide the Director with a copy of any record required to be retained by this paragraph. Copies of these records shall not be submitted unless requested.

All records required to be kept for a period of three years shall be kept at the permitted facility or an alternate location approved by the Department in writing and shall be available for inspection.

5. Monitoring Equipment and Instrumentation

All equipment and instrumentation used to determine compliance with the requirements of this permit shall be installed, maintained, and calibrated in accordance with the manufacturer's instructions or, in the absence of manufacturer's instructions, in accordance with accepted practices. The permittee shall develop and maintain quality assurance procedures to ensure proper operation and maintenance of all equipment and instrumentation. The quality assurance procedures shall include the proper use, maintenance, and installation, when appropriate, of monitoring equipment at the plant site.

C. DISCHARGE REPORTING REQUIREMENTS

1. Reporting of Monitoring Requirements

a. The permittee shall conduct the required monitoring in accordance with the following schedule:

MONITORING REQUIRED MORE FREQUENTLY THAN MONTHLY AND MONTHLY shall be conducted during the first full month following the effective date of coverage under this permit and every month thereafter.

QUARTERLY MONITORING shall be conducted at least once during each calendar quarter. Calendar quarters are the periods of January through March, April through June, July through September, and October through December. The permittee shall conduct the quarterly monitoring during the first complete calendar quarter following the effective date of this permit and is then required to monitor once during each quarter thereafter. Quarterly monitoring may be done anytime during the quarter, unless restricted elsewhere in this permit, but it should be submitted with the last DMR due for the quarter, i.e., (March, June, September and December DMR's).

SEMIANNUAL MONITORING shall be conducted at least once during the period of January through June and at least once during the period of July through December. The permittee shall conduct the semiannual monitoring during the first complete calendar semiannual period following the effective date of this permit and is then required to monitor once during each semiannual period thereafter. Semiannual monitoring may be done anytime during the semiannual period, unless restricted elsewhere in this permit, but it should be submitted with the last DMR for the month of the semiannual period, i.e. (June and December DMR's).

ANNUAL MONITORING shall be conducted at least once during the period of January through December. The permittee shall conduct the annual monitoring during the first complete calendar annual period following the effective date of this permit and is then required to monitor once during each annual period thereafter. Annual monitoring may be done anytime during the year, unless restricted elsewhere in this permit, but it should be submitted with the December DMR.

b. The permittee shall submit discharge monitoring reports (DMRs) on the forms provided by the Department and in accordance with the following schedule:

REPORTS OF MORE FREQUENTLY THAN MONTHLY AND MONTHLY TESTING shall be submitted on a **monthly** basis. The first report is due on the **28th day of (MONTH, YEAR).** The reports shall be submitted so that they are received by the Department no later than the **28th** day of the month following the reporting period.

REPORTS OF QUARTERLY TESTING shall be submitted on a **quarterly** basis. The first report is due on the **28th day of [Month, Year].** The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF SEMIANNUAL TESTING shall be submitted on a semiannual basis. The reports are due on the 28th day of JANUARY and the 28th day of JULY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF ANNUAL TESTING shall be submitted on an annual basis. The first report is due on the 28th day of JANUARY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

- c. Except as allowed by Provision I.C.1.c.(1) or (2), the permittee shall submit all Discharge Monitoring Reports (DMRs) required by Provision I.C.1.b electronically.
 - (1) If the permittee is unable to complete the electronic submittal of DMR data due to technical problems originating with the Department's electronic system (this could include entry/submittal issues with an entire set of DMRs or individual parameters), the permittee is not relieved of their obligation to submit DMR data to the Department by the date specified in Provision I.C. 1.b, unless otherwise directed by the Department.

If the Department's electronic system is down on the 28th day of the month in which the DMR is due or is down for an extended period of time, as determined by the Department, when a DMR is required to be submitted, the permittee may submit the data in an alternate manner and format acceptable to the Department. Preapproved alternate acceptable methods include faxing, e-mailing, mailing, or hand-delivery of data such that they are received by the required reporting date. Within 5 calendar days of the Department's electronic system resuming operation, the permittee shall enter the data into the Department's electronic system, unless an alternate timeframe is approved by the Department. A comment should be included on the electronic DMR submittal verifying the original submittal date (date of the fax, copy of the dated e-mail, or hand-delivery stamped date), if applicable.

(2) The permittee may submit a request to the Department for a temporary electronic reporting waiver for DMR submittals. The waiver request should include the permit number; permittee name; facility/site name; facility address; name, address, and contact information for the responsible official or duly authorized representative: a detailed statement regarding the basis for requesting such a waiver; and the duration for which the waiver is requested. Approved electronic reporting waivers are not transferrable.

Permittees with an approved electronic reporting waiver for DMRs may submit hard copy DMRs for the period that the approved electronic reporting waiver request is effective. The permittee shall submit the Department-approved DMR forms to the address listed in Provision I.C.1.e.

- (3) If a permittee is allowed to submit a hard copy DMR, the DMR must be legible and bear an original signature. Photo and electronic copies of the signature are not acceptable and shall not satisfy the reporting requirements of this permit.
- (4) If the permittee, using approved analytical methods as specified in Provision I.B.2, monitors any discharge from a point source for a limited substance identified in Provision I.A. of this permit more frequently than required by this permit, the results of such monitoring shall be included in the calculation and reporting of values on the DMR and the increased frequency shall be indicated on the DMR.
- (5) In the event no discharge from a point source identified in Provision I.A. of this permit and described more fully in the permittee's application occurs during a monitoring period, the permittee shall report "No Discharge" for such period on the appropriate DMR.
- d. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules, shall be electronically signed (or, if allowed by the Department, traditionally signed) by a "responsible official" of the permittee as defined in ADEM Administrative Code Rule 335-6-6-.09 or a "duly authorized representative" of such official as defined in ADEM Administrative Code Rule 335-6-6-.09 and shall bear the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

e. Discharge Monitoring Reports required by this permit, the AWPCA, and the Department's Rules that are being submitted in hard copy shall be addressed to:

Alabama Department of Environmental Management Permits and Services Division Environmental Data Section Post Office Box 301463 Montgomery, Alabama 36130-1463

Certified and Registered Mail containing Discharge Monitoring Reports shall be addressed to:

Alabama Department of Environmental Management Permits and Services Division Environmental Data Section 1400 Coliseum Boulevard Montgomery, Alabama 36110-2400

f.

All other correspondence and reports required to be submitted by this permit, the AWPCA, and the Department's Rules shall be addressed to:

Alabama Department of Environmental Management Water Division

Post Office Box 301463 Montgomery, Alabama 36130-1463

Certified and Registered Mail shall be addressed to:

Alabama Department of Environmental Management Water Division 1400 Coliseum Boulevard Montgomery, Alabama 36110-2400

- g. If this permit is a re-issuance, then the permittee shall continue to submit DMRs in accordance with the requirements of their previous permit until such time as DMRs are due as discussed in Part I.C.1.b above.
- 2. Noncompliance Notification
 - a. 24-Hour Noncompliance Reporting

The permittee shall report to the Director, within 24-hours of becoming aware of the noncompliance, any noncompliance which may endanger health or the environment. This shall include but is not limited to the following circumstances:

- does not comply with any daily minimum or maximum discharge limitation for an effluent characteristic specified in Provision I. A. of this permit which is denoted by an "(X)";
- (2) threatens human health or welfare, fish or aquatic life, or water quality standards:
- (3) does not comply with an applicable toxic pollutant effluent standard or prohibition established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a);
- (4) contains a quantity of a hazardous substance which has been determined may be harmful to public health or welfare under Section 311(b)(4) of the FWPCA, 33 U.S.C. Section 1321(b)(4);
- (5) exceeds any discharge limitation for an effluent characteristic as a result of an unanticipated bypass or upset: and
- (6) is an unpermitted direct or indirect discharge of a pollutant to a water of the state (unpermitted discharges properly reported to the Department under any other requirement are not required to be reported under this provision).

The permittee shall orally report the occurrence and circumstances of such discharge to the Director within 24-hours after the permittee becomes aware of the occurrence of such discharge. In addition to the oral report, the permittee shall submit to the Director or Designee a written report as provided in Part I.C.2.c no later than five (5) days after becoming aware of the occurrence of such discharge.

- b. If for any reason, the permittee's discharge does not comply with any limitation of this permit, the permittee shall submit to the Director or Designee a written report as provided in Part I.C.2.c below, such report shall be submitted with the next Discharge Monitoring Report required to be submitted by Part I.C.1 of this permit after becoming aware of the occurrence of such noncompliance.
- c. Any written report required to be submitted to the Director or Designee by Part I.C.2 a. or b. shall be submitted using a Noncompliance Notification Form (ADEM Form 421) available on the Department's website (<u>http://adem.alabama.gov/DeptForms/Form421.pdf</u>) and include the following information:
 - (1) A description of the discharge and cause of noncompliance:
 - (2) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
 - (3) A description of the steps taken and/or being taken to reduce or eliminate the noncomplying discharge and to prevent its recurrence.

D. OTHER REPORTING AND NOTIFICATION REQUIREMENTS

1. Anticipated Noncompliance

The permittee shall give the Director written advance notice of any planned changes or other circumstances regarding a facility which may result in noncompliance with permit requirements.

2. Termination of Discharge

The permittee shall notify the Director, in writing, when all discharges from any point source(s) identified in Provision I. A. of this permit have permanently ceased. This notification shall serve as sufficient cause for instituting procedures for modification or termination of the permit.

- 3. Updating Information
 - a. The permittee shall inform the Director of any change in the permittee's mailing address, telephone number or in the permittee's designation of a facility contact or office having the authority and responsibility to prevent and abate violations of the AWPCA, the Department's Rules, and the terms and conditions of this permit, in writing, no later than ten (10) days after such change. Upon request of the Director or his designee, the permittee shall furnish the Director with an update of any information provided in the permit application.
 - b. If the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information with a written explanation for the mistake and/or omission.
- 4. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which the Director or his designee may request to determine whether cause exists for modifying, revoking and re-issuing, suspending, or terminating this permit, in whole or in part, or to determine compliance with this permit.

- 5. Cooling Water and Boiler Water Additives
 - a. The permittee shall notify the Director in writing not later than thirty (30) days prior to instituting the use of any biocide corrosion inhibitor or chemical additive in a cooling or boiler system, not identified in the application for this permit, from which discharge is allowed by this permit. Notification is not required for additives that do not contain a heavy metal(s) as an active ingredient and that pass through a wastewater treatment system prior to discharge nor is notification required for additives that should not reasonably be expected to cause the cooling water or boiler water to exhibit toxicity as determined by analysis of manufacturer's data or testing by the permittee. Such notification shall include:
 - (1) name and general composition of biocide or chemical:
 - (2) 96-hour median tolerance limit data for organisms representative of the biota of the waterway into which the discharge will ultimately reach:
 - (3) quantities to be used;
 - (4) frequencies of use;
 - (5) proposed discharge concentrations: and
 - (6) EPA registration number, if applicable.
 - b. The use of a biocide or additive containing tributyl tin, tributyl tin oxide, zinc, chromium or related compounds in cooling or boiler system(s), from which a discharge regulated by this permit occurs, is prohibited except as exempted below. The use of a biocide or additive containing zinc, chromium or related compounds may be used in special circumstances if (1) the permit contains limits for these substances, or (2) the applicant demonstrates during the application process that the use of zinc, chromium or related compounds as a biocide or additive will not pose a reasonable potential to violate the applicable State water quality standards for these substances. The use of any additive, not identified in this permit or in the application for this permit or not exempted from notification under this permit is prohibited, prior to a determination by the Department that permit modification to control discharge of the additive is not required or prior to issuance of a permit modification controlling discharge of the additive.
- 6. Permit Issued Based On Estimated Characteristics
 - a. If this permit was issued based on estimates of the characteristics of a process discharge reported on an EPA NPDES Application Form 2D (EPA Form 3510-2D), the permittee shall complete and submit an EPA NPDES Application Form 2C (EPA Form 3510-2C) no later than two years after the date that discharge begins. Sampling required for completion of the Form 2C shall occur when a discharge(s) from the process(s) causing the new or increased discharge is occurring. If this permit was issued based on estimates concerning the composition of a stormwater discharge(s), the permittee shall perform the sampling required by EPA NPDES Application Form 2F (EPA Form 3510-2F) no later than one year after the industrial activity generating the stormwater discharge has been fully initiated.

b. This permit shall be reopened if required to address any new information resulting from the completion and submittal of the Form 2C and or 2F.

E. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the discharge limitations specified in Provision I. A. in accordance with the following schedule:

COMPLIANCE SHALL BE ATTAINED ON THE EFFECTIVE DATE OF THIS PERMIT

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

PART II OTHER REQUIREMENTS, RESPONSIBILITIES, AND DUTIES

A. OPERATIONAL AND MANAGEMENT REQUIREMENTS

1. Facilities Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of the 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 backup or auxiliary facilities only when necessary to achieve compliance with the conditions of the permit.

- 2. Best Management Practices
 - a. Dilution water shall not be added to achieve compliance with discharge limitations except when the Director or his designee has granted prior written authorization for dilution to meet water quality requirements.
 - b. The permittee shall prepare, implement, and maintain a Spill Prevention, Control and Countermeasures (SPCC) Plan in accordance with 40 C.F.R. Section 112 if required thereby.
 - c. The permittee shall prepare, submit for approval and implement a Best Management Practices (BMP) Plan for containment of any or all process liquids or solids, in a manner such that these materials do not present a significant potential for discharge, if so required by the Director or his designee. When submitted and approved, the BMP Plan shall become a part of this permit and all requirements of the BMP Plan shall become requirements of this permit.
- 3. Spill Prevention, Control, and Management

The permittee shall provide spill prevention, control, and/or management sufficient to prevent any spills of pollutants from entering a water of the state or a publicly or privately owned treatment works. Any containment system used to implement this requirement shall be constructed of materials compatible with the substance(s) contained and which shall prevent the contamination of groundwater and such containment system shall be capable of retaining a volume equal to 110 percent of the capacity of the largest tank for which containment is provided.

B. OTHER RESPONSIBILITIES

1. Duty to Mitigate Adverse Impacts

The permittee shall promptly take all reasonable steps to mitigate and minimize or prevent any adverse impact on human health or the environment resulting from noncompliance with any discharge limitation specified in Provision I. A. of this permit, including such accelerated or additional monitoring of the discharge and/or the receiving waterbody as necessary to determine the nature and impact of the noncomplying discharge.

2. Right of Entry and Inspection

The permittee shall allow the Director, or an authorized representative, upon the presentation of proper credentials and other documents as may be required by law to:

- a. enter upon the permittee's premises where a regulated facility or activity or point source is located or conducted, or where records must be kept under the conditions of the permit;
- b. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- c. inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the permit; and
- d. sample or monitor, for the purposes of assuring permit compliance or as otherwise authorized by the AWPCA, any substances or parameters at any location.

C. BYPASS AND UPSET

- I. Bypass
 - a. Any bypass is prohibited except as provided in b. and c. below:
 - b. A bypass is not prohibited if:
 - (1) It does not cause any discharge limitation specified in Provision I. A. of this permit to be exceeded;

- (2) It enters the same receiving stream as the permitted outfall; and
- (3) It is necessary for essential maintenance of a treatment or control facility or system to assure efficient operation of such facility or system.
- c. A bypass is not prohibited and need not meet the discharge limitations specified in Provision I. A. of this permit if:
 - (1) It is unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (2) There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime (this condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance); and
 - (3) The permittee submits a written request for authorization to bypass to the Director at least ten (10) days prior to the anticipated bypass (if possible), the permittee is granted such authorization, and the permittee complies with any conditions imposed by the Director to minimize any adverse impact on human health or the environment resulting from the bypass.
- d. The permittee has the burden of establishing that each of the conditions of Provision II.C.1.b. or c. have been met to qualify for an exception to the general prohibition against bypassing contained in a. and an exemption, where applicable, from the discharge limitations specified in Provision I. A. of this permit.

2. Upset

- a. A discharge which results from an upset need not meet the discharge limitations specified in Provision I. A. of this permit if:
 - (1) No later than 24-hours after becoming aware of the occurrence of the upset, the permittee orally reports the occurrence and circumstances of the upset to the Director or his designee; and
 - (2) No later than five (5) days after becoming aware of the occurrence of the upset, the permittee furnishes the Director with evidence, including properly signed, contemporaneous operating logs, or other relevant evidence, demonstrating that (i) an upset occurred; (ii) the permittee can identify the specific cause(s) of the upset; (iii) the permittee's facility was being properly operated at the time of the upset; and (iv) the permittee promptly took all reasonable steps to minimize any adverse impact on human health or the environment resulting from the upset.
- b. The permittee has the burden of establishing that each of the conditions of Provision II. C.2.a. of this permit have been met to qualify for an exemption from the discharge limitations specified in Provision I.A. of this permit.

D. DUTY TO COMPLY WITH PERMIT, RULES, AND STATUTES

1. Duty to Comply

- a. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the AWPCA and the FWPCA and is grounds for enforcement action, for permit termination, revocation and reissuance, suspension, modification; or denial of a permit renewal application.
- b. The necessity to halt or reduce production or other activities in order to maintain compliance with the conditions of the permit shall not be a defense for a permittee in an enforcement action.
- c. The discharge of a pollutant from a source not specifically identified in the permit application for this permit and not specifically included in the description of an outfall in this permit is not authorized and shall constitute noncompliance with this permit.
- d. The permittee shall take all reasonable steps, including cessation of production or other activities, to minimize or prevent any violation of this permit or to minimize or prevent any adverse impact of any permit violation.
- e. Nothing in this permit shall be construed to preclude and negate the permittee's responsibility or liability to apply for, obtain, or comply with other ADEM, Federal, State, or Local Government permits, certifications, licenses, or other approvals.
- 2. Removed Substances

Solids, sludges, filter backwash, or any other pollutant or other waste removed in the course of treatment or control of wastewaters shall be disposed of in a manner that complies with all applicable Department Rules.

3. Loss or Failure of Treatment Facilities

Upon the loss or failure of any treatment facilities, including but not limited to the loss or failure of the primary source of power of the treatment facility, the permittee shall, where necessary to maintain compliance with the discharge limitations specified in Provision I. A. of this permit, or any other terms or conditions of this permit, cease, reduce, or otherwise control production and/or all discharges until treatment is restored. If control of discharge during loss or failure of the primary source of power is to be accomplished by means of alternate power sources, standby generators, or retention of inadequately treated effluent, the permittee must furnish to the Director within six months a certification that such control mechanisms have been installed.

- 4. Compliance with Statutes and Rules
 - a. This permit has been issued under ADEM Administrative Code, Chapter 335-6-6. All provisions of this chapter, that are applicable to this permit, are hereby made a part of this permit. A copy of this chapter may be obtained for a small charge from the Office of General Counsel, Alabama Department of Environmental Management, 1400 Coliseum Blvd., Montgomery, AL 36130.
 - b. This permit does not authorize the noncompliance with or violation of any Laws of the State of Alabama or the United States of America or any regulations or rules implementing such laws. FWPCA, 33 U.S.C. Section 1319, and Code of Alabama 1975, Section 22-22-14.

E. PERMIT TRANSFER, MODIFICATION, SUSPENSION, REVOCATION, AND REISSUANCE

- 1. Duty to Reapply or Notify of Intent to Cease Discharge
 - a. If the permittee intends to continue to discharge beyond the expiration date of this permit, the permittee shall file a complete permit application for reissuance of this permit at least 180 days prior to its expiration. If the permittee does not intend to continue discharge beyond the expiration of this permit, the permittee shall submit written notification of this intent which shall be signed by an individual meeting the signatory requirements for a permit application as set forth in ADEM Administrative Code Rule 335-6-6-.09.
 - b. Failure of the permittee to apply for reissuance at least 180 days prior to permit expiration will void the automatic continuation of the expiring permit provided by ADEM Administrative Code Rule 335-6-6-.06 and should the permit not be reissued for any reason any discharge after expiration of this permit will be an unpermitted discharge.
- 2. Change in Discharge
 - a. The permittee shall apply for a permit modification at least 180 days in advance of any facility expansion, production increase, process change, or other action that could result in the discharge of additional pollutants or increase the quantity of a discharged pollutant such that existing permit limitations would be exceeded or that could result in an additional discharge point. This requirement applies to pollutants that are or that are not subject to discharge limitations in this permit. No new or increased discharge may begin until the Director has authorized it by issuance of a permit modification or a reissued permit.
 - b. The permittee shall notify the Director as soon as it is known or there is reason to believe:
 - (1) That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis, of any toxic pollutant which is not limited in this permit, if that discharge will exceed the highest of the following notification levels:
 - (a) one hundred micrograms per liter:
 - (b) two hundred micrograms per liter for acrolein and acrylonitrile; five hundred micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4,6-dini-trophenol: and one milligram per liter for antimony;
 - (c) five times the maximum concentration value reported for that pollutant in the permit application; or
 - (2) That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
 - (a) five hundred micrograms per liter:
 - (b) one milligram per liter for antimony;
 - (c) ten times the maximum concentration value reported for that pollutant in the permit application.

3. Transfer of Permit

This permit may not be transferred or the name of the permittee changed without notice to the Director and subsequent modification or revocation and reissuance of the permit to identify the new permittee and to incorporate any other changes as may be required under the FWPCA or AWPCA. In the case of a change in name, ownership or control of the permittee's premises only, a request for permit modification in a format acceptable to the Director is required at least 30 days prior to the change. In the case of a change in name, ownership or control of the permittee's premises accompanied by a change or proposed change in effluent characteristics, a complete permit application is required to be submitted to the Director at least 180 days prior to the change. Whenever the Director is notified of a change in name, ownership or control, he may decide not to modify the existing permit and require the submission of a new permit application.

- 4. Permit Modification and Revocation
 - a. This permit may be modified or revoked and reissued, in whole or in part, during its term for cause, including but not limited to, the following:
 - If cause for termination under Provision II. E. 5. of this permit exists, the Director may choose to revoke and reissue this permit instead of terminating the permit;
 - (2) If a request to transfer this permit has been received, the Director may decide to revoke and reissue or to modify the permit; or
 - (3) If modification or revocation and reissuance is requested by the permittee and cause exists, the Director may grant the request.
 - b. This permit may be modified during its term for cause, including but not limited to, the following:
 - If cause for termination under Provision II. E. 5. of this permit exists, the Director may choose to modify this permit instead of terminating this permit;
 - (2) There are material and substantial alterations or additions to the facility or activity generating wastewater which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit;
 - (3) The Director has received new information that was not available at the time of permit issuance and that would have justified the application of different permit conditions at the time of issuance;
 - (4) A new or revised requirement(s) of any applicable standard or limitation is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA;
 - (5) Errors in calculation of discharge limitations or typographical or clerical errors were made;
 - (6) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, when the standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued;
 - (7) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, permits may be modified to change compliance schedules;
 - (8) To agree with a granted variance under 30l(c), 30l(g), 30l(h), 30l(k), or 3l6(a) of the FWPCA or for fundamentally different factors;
 - (9) To incorporate an applicable 307(a) FWPCA toxic effluent standard or prohibition;
 - (10) When required by the reopener conditions in this permit:
 - (11) When required under 40 CFR 403.8(e) (compliance schedule for development of pretreatment program);
 - (12) Upon failure of the state to notify, as required by Section 402(b)(3) of the FWPCA, another state whose waters may be affected by a discharge permitted by this permit;
 - (13) When required to correct technical mistakes, such as errors in calculation, or mistaken interpretations of law made in determining permit conditions; or

(14) When requested by the permittee and the Director determines that the modification has cause and will not result in a violation of federal or state law, regulations or rules.

5. Permit Termination

This permit may be terminated during its term for cause, including but not limited to, the following:

- a. Violation of any term or condition of this permit;
- b. The permittee's misrepresentation or failure to disclose fully all relevant facts in the permit application or during the permit issuance process or the permittee's misrepresentation of any relevant facts at any time;
- Materially false or inaccurate statements or information in the permit application or the permit;
- A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;
- e. The permittee's discharge threatens human life or welfare or the maintenance of water quality standards;
- Permanent closure of the facility generating the wastewater permitted to be discharged by this permit or permanent cessation of wastewater discharge;
- g. New or revised requirements of any applicable standard or limitation that is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA that the Director determines cannot be complied with by the permittee; or
- h. Any other cause allowed by the ADEM Administrative Code, Chapter 335-6-6.

6. Permit Suspension

This permit may be suspended during its term for noncompliance until the permittee has taken action(s) necessary to achieve compliance.

7. Request for Permit Action Does Not Stay Any Permit Requirement

The filing of a request by the permittee for modification, suspension or revocation of this permit, in whole or in part, does not stay any permit term or condition.

F. COMPLIANCE WITH TOXIC POLLUTANT STANDARD OR PROHIBITION

If any applicable effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a), for a toxic pollutant discharged by the permittee and such standard or prohibition is more stringent than any discharge limitation on the pollutant specified in Provision I. A. of this permit, or controls a pollutant not limited in Provision I. A. of this permit, this permit shall be modified to conform to the toxic pollutant effluent standard or prohibition and the permittee shall be notified of such modification. If this permit has not been modified to conform to the toxic pollutant effluent standard or prohibition before the effective date of such standard or prohibition, the permittee shall attain compliance with the requirements of the standard or prohibition within the time period required by the standard or prohibition and shall continue to comply with the standard or prohibition until this permit is modified or reissued.

G. DISCHARGE OF WASTEWATER GENERATED BY OTHERS

The discharge of wastewater, generated by any process, facility, or by any other means not under the operational control of the permittee or not identified in the application for this permit or not identified specifically in the description of an outfall in this permit is not authorized by this permit.

PART III OTHER PERMIT CONDITIONS

A. CIVIL AND CRIMINAL LIABILITY

1. Tampering

Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained or performed under the permit shall, upon conviction, be subject to penalties as provided by the AWPCA.

2. False Statements

Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be subject to penalties as provided by the AWPCA.

- 3. Permit Enforcement
 - a. Any NPDES permit issued or reissued by the Department is a permit for the purpose of the AWPCA and the FWPCA and as such any terms, conditions, or limitations of the permit are enforceable under state and federal law.
 - b. Any person required to have a NPDES permit pursuant to ADEM Administrative Code Chapter 335-6-6 and who discharges pollutants without said permit, who violates the conditions of said permit, who discharges pollutants in a manner not authorized by the permit, or who violates applicable orders of the Department or any applicable rule or standard of the Department, is subject to any one or combination of the following enforcement actions under applicable state statutes.
 - (1) An administrative order requiring abatement, compliance, mitigation, cessation, clean-up, and/or penalties;
 - (2) An action for damages;
 - (3) An action for injunctive relief; or
 - (4) An action for penalties.
 - c. If the permittee is not in compliance with the conditions of an expiring or expired permit the Director may choose to do any or all of the following provided the permittee has made a timely and complete application for reissuance of the permit:
 - (1) initiate enforcement action based upon the permit which has been continued;
 - (2) issue a notice of intent to deny the permit reissuance. If the permit is denied, the owner or operator would then be required to cease the activities authorized by the continued permit or be subject to enforcement action for operating without a permit:
 - (3) reissue the new permit with appropriate conditions; or
 - (4) take other actions authorized by these rules and AWPCA.
- 4. Relief from Liability

Except as provided in Provision II.C.1 (Bypass) and Provision II.C.2 (Upset), nothing in this permit shall be construed to relieve the permittee of civil or criminal liability under the AWPCA or FWPCA for noncompliance with any term or condition of this permit.

B. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject under Section 311 of the FWPCA, 33 U.S.C. Section 1321.

C. PROPERTY AND OTHER RIGHTS

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 persons or property or invasion of other private rights, trespass, or any infringement of federal, state, or local laws or regulations,

nor does it authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any waters of the state or of the United States.

D. AVAILABILITY OF REPORTS

Except for data determined to be confidential under <u>Code of Alabama</u> 1975, Section 22-22-9(c), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. Effluent data shall not be considered confidential.

E. EXPIRATION OF PERMITS FOR NEW OR INCREASED DISCHARGES

- 1. If this permit was issued for a new discharger or new source, this permit shall expire eighteen months after the issuance date if construction of the facility has not begun during the eighteen-month period.
- 2. If this permit was issued or modified to allow the discharge of increased quantities of pollutants to accommodate the modification of an existing facility and if construction of this modification has not begun during the eighteen month period after issuance of this permit or permit modification, this permit shall be modified to reduce the quantities of pollutants allowed to be discharged to those levels that would have been allowed if the modification of the facility had not been planned.
- 3. Construction has begun when the owner or operator has:
 - a. begun, or caused to begin as part of a continuous on-site construction program:
 - (1) any placement, assembly, or installation of facilities or equipment; or
 - (2) significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or
 - b. entered into a binding contractual obligation for the purpose of placement, assembly, or installation of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under the paragraph. The entering into a lease with the State of Alabama for exploration and production of hydrocarbons shall also be considered beginning construction.

F. COMPLIANCE WITH WATER QUALITY STANDARDS

- 1. On the basis of the permittee's application, plans, or other available information, the Department has determined that compliance with the terms and conditions of this permit should assure compliance with the applicable water quality standards.
- 2. Compliance with permit terms and conditions notwithstanding, if the permittee's discharge(s) from point sources identified in Provision I. A. of this permit cause or contribute to a condition in contravention of state water quality standards, the Department may require abatement action to be taken by the permittee in emergency situations or modify the permit pursuant to the Department's Rules, or both.
- 3. If the Department determines, on the basis of a notice provided pursuant to this permit or any investigation, inspection or sampling, that a modification of this permit is necessary to assure maintenance of water quality standards or compliance with other provisions of the AWPCA or FWPCA, the Department may require such modification and, in cases of emergency, the Director may prohibit the discharge until the permit has been modified.

G. GROUNDWATER

Unless specifically authorized under this permit, this permit does not authorize the discharge of pollutants to groundwater. Should a threat of groundwater contamination occur, the Director may require groundwater monitoring to properly assess the degree of the problem and the Director may require that the Permittee undertake measures to abate any such discharge and/or contamination.

H. DEFINITIONS

- 1. Average monthly discharge limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).
- 2. Average weekly discharge limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges"

measured during that week (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).

- 3. Arithmetic Mean means the summation of the individual values of any set of values divided by the number of individual values.
- 4. AWPCA means the Alabama Water Pollution Control Act.
- 5. BOD means the five-day measure of the pollutant parameter biochemical oxygen demand.
- 6. Bypass means the intentional diversion of waste streams from any portion of a treatment facility.
- 7. CBOD means the five-day measure of the pollutant parameter carbonaceous biochemical oxygen demand.
- 8. Daily discharge means the discharge of a pollutant measured during any consecutive 24-hour period in accordance with the sample type and analytical methodology specified by the discharge permit.
- 9. Daily maximum means the highest value of any individual sample result obtained during a day.
- 10. Daily minimum means the lowest value of any individual sample result obtained during a day.
- 11. Day means any consecutive 24-hour period.
- 12. Department means the Alabama Department of Environmental Management.
- 13. Director means the Director of the Department.
- 14. Discharge means "[t]he addition, introduction, leaking, spilling or emitting of any sewage, industrial waste, pollutant or other wastes into waters of the state". <u>Code of Alabama</u> 1975, Section 22-22-1(b)(8).
- 15. Discharge Monitoring Report (DMR) means the form approved by the Director to accomplish reporting requirements of an NPDES permit.
- 16. DO means dissolved oxygen.
- 17. 8HC means 8-hour composite sample, including any of the following:
 - a. The mixing of at least 5 equal volume samples collected at constant time intervals of not more than 2 hours over a period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.
 - b. A sample continuously collected at a constant rate over period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.
- 18. EPA means the United States Environmental Protection Agency.
- 19. FC means the pollutant parameter fecal coliform.
- 20. Flow means the total volume of discharge in a 24-hour period.
- 21. FWPCA means the Federal Water Pollution Control Act.
- 22. Geometric Mean means the Nth root of the product of the individual values of any set of values where N is equal to the number of individual values. The geometric mean is equivalent to the antilog of the arithmetic mean of the logarithms of the individual values. For purposes of calculating the geometric mean, values of zero (0) shall be considered one (1).
- 23. Grab Sample means a single influent or effluent portion which is not a composite sample. The sample(s) shall be collected at the period(s) most representative of the discharge.
- 24. Indirect Discharger means a nondomestic discharger who discharges pollutants to a publicly owned treatment works or a privately owned treatment facility operated by another person.

- 25. Industrial User means those industries identified in the Standard Industrial Classification manual, Bureau of the Budget 1967, as amended and supplemented, under the category "Division D Manufacturing" and such other classes of significant waste producers as, by regulation, the Director deems appropriate.
- MGD means million gallons per day.
- 27. Monthly Average means, other than for fecal coliform bacteria, the arithmetic mean of the entire composite or grab samples taken for the daily discharges collected in one month period. The monthly average for fecal coliform bacteria is the geometric mean of daily discharge samples collected in a one month period. The monthly average for flow is the arithmetic mean of all flow measurements taken in a one month period.
- 28. New Discharger means a person, owning or operating any building, structure, facility or installation:
 - a. from which there is or may be a discharge of pollutants:
 - b. that did not commence the discharge of pollutants prior to August 13, 1979, and which is not a new source; and
 - c. which has never received a final effective NPDES permit for dischargers at that site.
- 29. NH3-N means the pollutant parameter ammonia, measured as nitrogen.
- Permit application means forms and additional information that is required by ADEM Administrative Code Rule 335-6-6-.08
 and applicable permit fees.
- 31. Point source means "any discernible, confined and discrete conveyance, including but not limited to any pipe, channel, ditch, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, ... from which pollutants are or may be discharged." Section 502(14) of the FWPCA, 33 U.S.C. Section 1362(14).
- 32. Pollutant includes for purposes of this permit, but is not limited to, those pollutants specified in <u>Code of Alabama</u> 1975, Section 22-22-1(b)(3) and those effluent characteristics specified in Provision I. A. of this permit.
- 33. Privately Owned Treatment Works means any devices or system which is used to treat wastes from any facility whose operator is not the operator of the treatment works, and which is not a "POTW".
- 34. Publicly Owned Treatment Works means a wastewater collection and treatment facility owned by the State, municipality, regional entity composed of two or more municipalities, or another entity created by the State or local authority for the purpose of collecting and treating municipal wastewater.
- 35. Receiving Stream means the "waters" receiving a "discharge" from a "point source".
- 36. Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- 37. Significant Source means a source which discharges 0.025 MGD or more to a POTW or greater than five percent of the treatment work's capacity, or a source which is a primary industry as defined by the U.S. EPA or which discharges a priority or toxic pollutant.
- Solvent means any virgin, used or spent organic solvent(s) identified in the F-Listed wastes (F001 through F005) specified in 40 CFR 261.31 that is used for the purpose of solubilizing other materials.
- 39. TKN means the pollutant parameter Total Kjeldahl Nitrogen.
- 40. TON means the pollutant parameter Total Organic Nitrogen.
- TRC means Total Residual Chlorine.
- 42. TSS -- means the pollutant parameter Total Suspended Solids.
- 24HC means 24-hour composite sample, including any of the following:
 - a. the mixing of at least 12 equal volume samples collected at constant time intervals of not more than 2 hours over a period of 24 hours:

- b. a sample collected over a consecutive 24-hour period using an automatic sampler composite to one sample. As a minimum, samples shall be collected hourly and each shall be no more than one twenty-fourth (1/24) of the total sample volume collected; or
- a sample collected over a consecutive 24-hour period using an automatic composite sampler composited proportional to flow.
- 44. Upset means an exceptional incident in which there is an unintentional and temporary noncompliance with technology-based permit discharge limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- 45. Waters means "[a]ll waters of any river, stream, watercourse, pond, lake, coastal, ground or surface water, wholly or partially within the state, natural or artificial. This does not include waters which are entirely confined and retained completely upon the property of a single individual, partnership or corporation unless such waters are used in interstate commerce." <u>Code of Alabama</u> 1975, Section 22-22-1(b)(2). Waters "include all navigable waters" as defined in Section 502(7) of the FWPCA, 22 U.S.C. Section 1362(7), which are within the State of Alabama.
- 46. Week means the period beginning at twelve midnight Saturday and ending at twelve midnight the following Saturday.
- 47. Weekly (7-day and calendar week) Average is the arithmetic mean of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The calendar week is defined as beginning on Sunday and ending on Saturday. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for the calendar week shall be included in the data for the month that contains the Saturday.

I. SEVERABILITY

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.

PART IV ADDITIONAL REQUIREMENTS, CONDITIONS, AND LIMITATIONS

A. BEST MANAGEMENT PRACTICES (BMP) PLAN REQUIREMENTS

1. BMP Plan

The permittee shall develop and implement a Best Management Practices (BMP) Plan which prevents, or minimizes the potential for, the release of pollutants from ancillary activities, including material storage areas; plant site runoff; in-plant transfer, process and material handling areas; loading and unloading operations, and sludge and waste disposal areas, to the waters of the State through plant site runoff; spillage or leaks; sludge or waste disposal; or drainage from raw material storage.

2. Plan Content

The permittee shall prepare and implement a best management practices (BMP) plan, which shall:

- a. Establish specific objectives for the control of pollutants:
 - (1) Each facility component or system shall be examined for its potential for causing a release of significant amounts of pollutants to waters of the State due to equipment failure, improper operation, natural phenomena such as rain or snowfall, etc.
 - (2) Where experience indicates a reasonable potential for equipment failure (e.g., a tank overflow or leakage), natural condition (e.g. precipitation), or circumstances to result in significant amounts of pollutants reaching surface waters, the plan should include a prediction of the direction, rate of flow, and total quantity of pollutants which could be discharged from the facility as a result of each condition or circumstance.
- Establish specific best management practices to meet the objectives identified under paragraph a. of this section, addressing each component or system capable of causing a release of significant amounts of pollutants to the waters of the State, and identifying specific preventative or remedial measures to be implemented;
- c. Establish a program to identify and repair leaking equipment items and damaged containment structures, which may contribute to contaminated stormwater runoff. This program must include regular visual inspections of equipment, containment structures and of the facility in general to ensure that the BMP is continually implemented and effective;
- d. Prevent the spillage or loss of fluids, oil, grease, gasoline, etc. from vehicle and equipment maintenance activities and thereby prevent the contamination of stormwater from these substances;
- e. Prevent or minimize stormwater contact with material stored on site:
- f. Designate by position or name the person or persons responsible for the day to day implementation of the BMP:
- g. Provide for routine inspections, on days during which the facility is manned, of any structures that function to prevent stormwater pollution or to remove pollutants from stormwater and of the facility in general to ensure that the BMP is continually implemented and effective;
- Provide for the use and disposal of any material used to absorb spilled fluids that could contaminate stormwater;
- i. Develop a solvent management plan, if solvents are used on site. The solvent management plan shall include as a minimum lists of the solvents on site; the disposal method of solvents used instead of dumping, such as reclamation, contract hauling; and the procedures for assuring that solvents do not routinely spill or leak into the stormwater;
- j. Provide for the disposal of all used oils, hydraulic fluids, solvent degreasing material, etc. in accordance with good management practices and any applicable state or federal regulations:

- k. Include a diagram of the facility showing the locations where stormwater exits the facility, the locations of any structure or other mechanisms intended to prevent pollution of stormwater or to remove pollutants from stormwater, the locations of any collection and handling systems;
- Provide control sufficient to prevent or control pollution of stormwater by soil particles to the degree required to maintain compliance with the water quality standard for turbidity applicable to the waterbody(s) receiving discharge(s) under this permit;
- m. Provide spill prevention, control, and/or management sufficient to prevent or minimize contaminated stormwater runoff. Any containment system used to implement this requirement shall be constructed of materials compatible with the substance(s) contained and shall prevent the contamination of groundwater. The containment system shall also be capable of retaining a volume equal to 110 percent of the capacity of the largest tank for which containment is provided;
- Provide and maintain curbing, diking or other means of isolating process areas to the extent necessary to allow segregation and collection for treatment of contaminated stormwater from process areas;
- o. Be reviewed by plant engineering staff and the plant manager; and
- p. Bear the signature of the plant manager.
- 3. Compliance Schedule

The permittee shall have reviewed (and revised if necessary) and fully implemented the BMP plan as soon as practicable but no later than six months after the effective date of this permit.

- 4. Department Review
 - When requested by the Director or his designee, the permittee shall make the BMP available for Department review.
 - b. The Director or his designee may notify the permittee at any time that the BMP is deficient and require correction of the deficiency.
 - c. The permittee shall correct any BMP deficiency identified by the Director or his designee within 30 days of receipt of notification and shall certify to the Department that the correction has been made and implemented.
- 5. Administrative Procedures
 - a. A copy of the BMP shall be maintained at the facility and shall be available for inspection by representatives of the Department.
 - b. A log of the routine inspection required above shall be maintained at the facility and shall be available for inspection by representatives of the Department. The log shall contain records of all inspections performed for the last three years and each entry shall be signed by the person performing the inspection.
 - c. The permittee shall provide training for any personnel required to implement the BMP and shall retain documentation of such training at the facility. This documentation shall be available for inspection by representatives of the Department. Training shall be performed prior to the date that implementation of the BMP is required.
 - d. BMP Plan Modification. The permittee shall amend the BMP plan whenever there is a change in the facility or change in operation of the facility which materially increases the potential for the ancillary activities to result in a discharge of significant amounts of pollutants.
 - e. BMP Plan Review. The permittee shall complete a review and evaluation of the BMP plan at least once every three years from the date of preparation of the BMP plan. Documentation of the BMP Plan review and evaluation shall be signed and dated by the Plant Manager.

B. STORMWATER FLOW MEASUREMENT AND SAMPLING REQUIREMENTS

- 1. Stormwater Flow Measurement
 - a. All stormwater samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches.
 - b. The total volume of stormwater discharged for the event must be monitored, including the date and duration (in hours) and rainfall (in inches) for storm event(s) sampled. The duration between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event must be a minimum of 72 hours. This information must be recorded as part of the sampling procedure and records retained according to Part I.B. of this permit.
 - c. The volume may be measured using flow measuring devices, or estimated based on a modification of the Rational Method using total depth of rainfall, the size of the drainage area serving a stormwater outfall, and an estimate of the runoff coefficient of the drainage area. This information must be recorded as part of the sampling procedure and records retained according to Part I.B. of this permit.
- 2. Stormwater Sampling
 - a. A grab sample, if required by this permit, shall be taken during the first thirty minutes of the discharge (or as soon thereafter as practicable): and a flow-weighted composite sample, if required by this permit, shall be taken for the entire event or for the first three hours of the event.
 - b. All test procedures will be in accordance with part I.B. of this permit.

ADEM PERMIT RATIONALE

PREPARED DATE: March 15, 2022 PREPARED BY: Wayne Holt

Permittee Name: WATCO Alabama Port Services, LLC.

Facility Name: WATCO AL Port Services LLC

Permit Number: AL0045161

PERMIT IS REISSUANCE DUE TO EXPIRATION

DISCHARGE SERIAL NUMBERS & DESCRIPTIONS:

DSN001 – DSN005: Stormwater runoff from the loading, unloading, and storage of coal, coke, iron ore, and gypsum

INDUSTRIAL CATEGORY: NON-CATEGORICAL

MAJOR: N

STREAM INFORMATION:

Receiving Stream:	Locust Fork of Black Warrior River
Classification:	Fish & Wildlife
River Basin:	Black Warrior River Basin
7Q10:	30.42 CFS
1Q10:	22.82 cfs
Annual Average Flow:	1926.31 CFS
303(d) List:	No
Impairment:	Nutrients
TMDL:	Yes

DISCUSSION:

The facility is a wholesale distributor of coke, coal, iron ore, and gypsum. Operations at the facility include loading, unloading, and storage of the materials by barge, rail and truck.

ADEM Administrative Rule 335-6-10-.12 requires applicants to new or expanded discharges to Tier II waters demonstrate that the proposed discharge is necessary for important economic or social development in the area in which the waters are located. The application submitted by the facility is not for a new or expanded discharge. Therefore, the applicant is not required to demonstrate that the discharge is necessary for economic and social development.

EPA has not promulgated specific guidelines for the discharges covered under the proposed permit. Proposed permit limits are based on Best Professional Judgment. The proposed frequencies are based on a review of site specific conditions and an evaluation of similar facilities.

DSN 001Q through DSN005Q: Stormwater runoff from the loading, unloading, and storage of coal, coke, iron ore, and gypsum

Parameter	Quantit	y or Loading	Units	Qua	ality or Concentrat	ion	Units	Sample Freq	Sample Type	Seasonal	Basis
pH (00400) Effluent Gross Value	****	****	****	6.0 Minimum Daily	****	9.0 Maximum Daily	S.U.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	****	****	****	****	35.0 Daily Average	70.0 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	****	****	****	****	****	15.0 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Phosphorus, Total (As P) (00665) Effluent Gross Value	****	****	*****	****	****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Iron, Total (As Fe) (01045) Effluent Gross Value	****	****	*****	****	3.0 Daily Average	6.0 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Manganese, Total (As Mn) (01055) Effluent Gross Value	****	****	*****	****	2.0 Daily Average	4.0 Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	****	(Report) Maximum Daily	MGD	****	****	****	****	Quarterly	Estimate	All Months	BPJ

*Basis for Permit Limitation

- BPJ Best Professional Judgment
- WQBEL Water Quality Based Effluent Limits
- EGL Federal Effluent Guideline Limitations
- 303(d) 303(d) List of Impaired Waters
- TMDL Total Maximum Daily Load Requirements

Discussion

Wastewater at this site consists of storm water only that has come into contact with raw materials stored at the site. The storm water is directed by gravity flow into sedimentation ponds. Based on the available data to the Department, the facility has not had a recorded discharge from the ponds. Analytical data provided for the storm water is taken from an in-pond sample.

Best Professional Judgment (BPJ)

The parameters of concern for this facility are based on the parameters of concern listed in EPA form 2F and from the current permit. These parameters are consistent with similar facilities in the state and have been proven to be reflective of the operations at this facility. The parameters with specific limits are discussed below:

Flow

Flow monitoring will be continued to evaluate the volume of storm water being discharged from the sedimentation ponds.

Oil & Grease

The daily maximum limit for Oil and Grease should prevent the occurrence of a visible sheen in the stream and has been shown to be achievable through the use of proper BMPs.

pН

ADEM Administrative Code, Division 6 Regulations, specifically 335-6-10-.09(5)(e)2 – Specific Water Quality for Fish &Wildlife classified streams states: "Sewage, industrial waste or other wastes shall not cause the pH to deviate more than one unit from then normal or natural pH, nor be less than 6.0, nor greater than 8.5 standard units." Since a discharge is only expected to occur during a storm event, the discharge woul be unlikely to impact the pH of the receiving stream; therefore, limitations of 6.0 S.U. and 9.0 S.U. are proposed to be continued in this permit issuance.

Total Iron, Total Manganese, Total Suspended Solids

Based on the nature of the operations and the analytical data submitted with the application, the limitations for these parameters, which are based on 40 CFR 434 Subpart B, will be continued in this permit issuance. This subpart is not applicable to the operations at the facility; however, the operations are similar enough that the limitations can still be applied.

303(d) List of Impaired Waters/Total Maximum Daily Load (TMDL)

Total Phosphorus

The receiving stream has a TMDL for Nutrients. The discharge is not expected to contain nutrients in a significant amount that would contribute to the impairment of the receiving stream. Currently stormwateronly NPDES permit do not include numeric Total Phosphorus limitations. Therefore, compliance with the TMDL will be demonstrated through the implementation of BMP's.

Best Management Practices

Best Management Practices (BMPs) are believed to be the most effective way to control the contamination of stormwater from areas of industrial activities. This facility is required to maintain a BMP plan. The requirements of the BMP plan call for minimization of stormwater contact with waste materials, products and by-products, and for prevention of spills or loss of fluids from equipment maintenance activities. The effectiveness of the BMPs will be measured through the monitoring of the pollutants of concern.

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) NPDES INDIVIDUAL PERMIT APPLICATION SUPPLEMENTARY INFORMATION FOR INDUSTRIAL FACILITIES

The Plea	completed application should be submitted to ADEM in du	plicate. If insufficient space is available to ad	ion for an NPDES individual permit for industrial facilities. dress any item, please continue on an attached sheet of paper. or print legibly in blue or black ink. Mail the completed
«hh		ADEM-Water Division Industrial Section P O Box 301463 Montgomery, AL 36130-1463	RECEIVED OCT 07 2021
		PURPOSE OF THIS APPLICATION	INDUSTRIAL SECTION
	Initial Permit Application for New Facility*	Initial Permit Application for	Existing Facility*
	Modification of Existing Permit	Reissuance of Existing Pern	hit
	Revocation & Reissuance of Existing Permit	* An application for participation in the submitted to allow permittee to electro	ADEM's Electronic Environmental (E2) Reporting must be onically submit reports as required.
SE	CTION A - GENERAL INFORMATION		
1.	Permittee Name: Watco Alabama Port Services, L	LC	
2.	NPDES Permit Number: AL_0045161	(not applicable if initial permit app	lication)
3.	SID Permit Number (if applicable): IU		
4.	NPDES General Permit Number (if applicable)	: ALG	
5.	Facility Location (Front Gate): Latitude: 33 34'	10" Longitude:	37 06' 40"
6.	Responsible Official (as described on the last	page of this application):	
	Name: Joel Wilmoth	Title: Terminal Mana	ger
	Address: 8250 Birmingport Rd	· · · · · · · · · · · · · · · · · · ·	
	City: <u>Mulga</u>	State: AL	Zip: <u>35118</u>
	Phone Number: 205-436-3601	Email Address: jwilmoth@wat	co.com
7.	Designated Discharge Monitoring Report (DM	R) Contact:	
	Name: Joel Wilmoth	Title: Terminal Mana	ger
	Phone Number: 205-436-3601	Email Address: jwilmoth@wat	co.com
8.	Type of Business Entity:		
	Corporation General Partnership Other (Please Specify)	Limited Partnership I Limited	
8.	Complete this section if the Applicant's busines	ss entity is a Corporation	
	a) Location of Incorporation:		
	Address:		
	City:County:	State:	Zip:
	b) Parent Corporation of Applicant:		
	Name:		
	Address:		
	City:		

c) Subsidiary Corporation(s) of Applicant: Name: Address: State: _____Zip: _____ City: d) Corporate Officers: Name:__ Address: _____State:_____Zip:_____Zip:_____ City:___ Name: Address: State: Zip: City:____ e) Agent designated by the corporation for purposes of service: Name:___ Address:_____ City: _____Zip: ____Zip: ___Zip: ____Zip: ___Zip: __ZIP: __ZIP: __ZIP: ___ZIP: ___ZIP: __ZIP: _ If the Applicant's business entity is a Partnership, please list the general partners. 9. Name: Name: Address: Address: _____State:____Zip:_____ _____State:____Zip: _____ City: City: 10. If the Applicant's business entity is a Proprietorship, please enter the proprietor's information. Name: Address: State: Zip: City:____ 11. Identify all Administrative Complaints, Notices of Violation, Directives, Administrative Orders, or Litigation concerning water if any, against the Applicant, its parent corporation or subsidiary corporations within the State of Alabama within the past five years (attach additional sheets if necessary): Facility Name Permit Number Type of Action Date of Action _____ _ _ _ _ ____ ____ ____ _

SECTION B - BUSINESS ACTIVITY

If your facility conducts or will be conducting any of the processes listed below (regardless of whether they generate wastewater, waste sludge, or hazardous waste), place a check beside the category of business activity (check all that apply):

Industrial Categories

Aluminum Forming		Metal Molding and Casting
Asbestos Manufacturing		Metal Products
Battery Manufacturing		Nonferrous Metals Forming
Can Making		Nonferrous Metals Manufacturing
Canned and Preserved Fruit and Vegetables		Oil and Gas Extraction
Canned and Preserved Seafood		Organic Chemicals Manufacturing
Cement Manufacturing		Paint and Ink Formulating
Centralized Waste Treatment		Paving and Roofing Manufacturing
Carbon Black		Pesticides Manufacturing
Coal Mining		Petroleum Refining
Coil Coating		Phosphate Manufacturing
Copper Forming		Photographic
Electric and Electronic Components Manufacturing		Pharmaceutical
Electroplating		Plastic & Synthetic Materials
Explosives Manufacturing		Plastics Processing Manufacturing
Feedlots		Porcelain Enamel
Ferroalloy Manufacturing		Pulp, Paper, and Fiberboard Manufacturing
Fertilizer Manufacturing		Rubber
Foundries (Metal Molding and Casting)		Soap and Detergent Manufacturing
Glass Manufacturing		Steam and Electric
Grain Mills		Sugar Processing
Gum and Wood Chemicals Manufacturing		Textile Mills
Inorganic Chemicals		Timber Products
Iron and Steel		Transportation Equipment Cleaning
Leather Tanning and Finishing		Waste Combustion
Metal Finishing	\mathbf{X}	Other (specify) transportation services and warehousing
Meat Products		

A facility with processes inclusive in these business areas may be covered by Environmental Protection (EPA) categorical standards. These facilities are termed "categorical users".

SECTION C - WASTEWATER DISCHARGE INFORMATION

	utfall with another facility? Yes utfall, provide the following:	No (If no, continue to C.2)	
Applicant's Outfall No.	Name of Other Permittee/Facility	NPDES Permit No.	Where is sample collected by Applicant?

2. Do you have, or plan to have, automatic sampling equipment or continuous wastewater flow metering equipment at this facility?

	Curre	nt: Flow Metering Sampling Equipn	Yes		X N/A	
	Plann		Yes		X N/A X N/A X N/A	
	If so, please attach a schematic of the equipment below:	liagram of the sewer syste	m indicating the	e present or fu	iture location of this equipment a	Ind describe
				alling management		
3.	Are any process changes or expa		e next three yea	rs that could a	alter wastewater volumes or cha	racteristics
	Briefly describe these changes a		on the wastew	ater volume a	and characteristics:	
	9	e valante en ditterne erallerationer.e		La registra		
4.	List the trade name and chemical	composition of all biocide	s and corrosior	inhibitors us	ed:	
	Trade	Name		Che	mical Composition	
	N/A					
	 r each biocide and/or corrosion inhi 96-hour median tolerance lin ultimately reach, quantities to be used, frequencies of use, proposed discharge concenter EPA registration number, if a 	nit data for organisms repr	-		waterway into which the dischar	rge will
SEC	CTION D - WATER SUPPLY				1997 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	
Wa	ater Sources (check as many as are	e applicable):				
	Private Well			Surface W		
	Municipal Water Utility (Spec				cify): <u>N/A</u>	
	IF MORE THAN ONE WELL OR					
	City:MGD* Well:	MGD* Well	Depth:	Ft. Lati	tude: Longitude:	
	Surface Intake Volume:	MGD* Intake Ele	evation in Relati	on to Bottom	Ft.	
	Intake Elevation:Ft.	Latitude:	_ Longitude	•		
	Name of Surface Water Source:_					
	* MGD – Million Gallons per Day					

Cooling Water Intake Structure Information

	plete D.1 and D.2 if your water supply is provided by an outside source and not by an onsite water intake structure? (e.g her industry, municipality, etc)
1.	Does the provider of your source water operate a surface water intake? 🗌 Yes 🔳 No (If yes, continue, if no, go to Section E.)
	a) Name of Provider: b) Location of Provider:
	c) Latitude: Longitude:
2.	Is the provider a public water system (defined as a system which provides water to the public for human consumption or which provides only treated water, not raw water)? Yes No (If yes, go to Section E, if no, continue.)
	to be completed if you have a cooling water intake structure or the provider of your water supply uses an intake structure does not treat the raw water.
3	3. Is any water withdrawn from the source water used for cooling? Yes No
4	 Using the average monthly measurements over any 12-month period, approximately what percentage of water withdrawn is used exclusively for cooling purposes?%
5	 Does the cooling water consist of treated effluent that would otherwise be discharged? Yes No (If yes, go to Section E, if no, complete D.6 – D.17)
6	6. a. Is the cooling water used in a once-through cooling system?
	b. Is the cooling water used in a closed cycle cooling system? Yes No
7	 When was the intake installed?
8	3. What is the maximum intake volume?
g	 What is the average intake volume?
1	10. What is the actual intake flow (AIF) as defined in 40 CFR §125.92(a)?MGD
1	1. How is the intake operated? (e.g., continuously, intermittently, batch)
1	12. What is the mesh size of the screen on your intake?
1	13. What is the intake screen flow-through area?
1	4. What is the through-screen design intake flow velocity?ft/sec
1	5. What is the through-screen actual velocity (in ft/sec)?ft/sec
1	6. What is the mechanism for cleaning the screen? (e.g., does it rotate for cleaning)
1	7. Do you have any additional fish detraction technology on your intake? 🗌 Yes 🗌 No
1	8. Have there been any studies to determine the impact of the intake on aquatic organisms? Yes No (If yes, please provide.)
1	9. Attach a site map showing the location of the water intake in relation to the facility, shoreline, water depth, etc.

SECTION E – WASTE STORAGE AND DISPOSAL INFORMATION

Provide a description of the location of all sites involved in the storage of solids or liquids that could be accidentally discharged to a water of the state, either directly or indirectly via such avenues as storm water drainage, municipal wastewater systems, etc., which are located at the facility for which the NPDES application is being made. Where possible, the location should be noted on a map and included with this application:

Description of Waste	Description of Storage Location

SECTION F - COASTAL ZONE INFORMATION

Is the discharge(s) located within the 10-foot elevation contour and within the limits of Mobile or Baldwin County? 🗌 Yes 🛛 No If yes, complete items F.1 – F.12:

		103	140
1.	Does the project require new construction?		
2.	Will the project be a source of new air emissions?		
3.	Does the project involve dredging and/or filling of a wetland area or water way?		
	If Yes, has the Corps of Engineers (COE) permit been received? COE Project No		
4.	Does the project involve wetlands and/or submersed grassbeds?		
5.	Are oyster reefs located near the project site? If Yes, include a map showing project and discharge location with respect to oyster reefs		
6.	Does the project involve the site development, construction and operation of an energy facility as defined in ADEM Admin. Code r. 335-8-102(bb)?		
7.	Does the project involve mitigation of shoreline or coastal area erosion?		
8.	Does the project involve construction on beaches or dune areas?		
9.	Will the project interfere with public access to coastal waters?		
10.	Does the project lie within the 100-year floodplain?		
11.	Does the project involve the registration, sale, use, or application of pesticides?		
12.	Does the project propose or require construction of a new well or to alter an existing groundwater well to pump more than 50 gallons per day (GPD)?		
	If yes, has the applicable permit for groundwater recovery or for groundwater well installation been obtained?		

SECTION G - ANTI-DEGRADATION EVALUATION

In accordance with 40 CFR §131.12 and the ADEM Admin. Code r. 335-6-10-.04 for anti-degradation, the following information must be provided, if applicable. It is the applicant's responsibility to demonstrate the social and economic importance of the proposed activity. If further information is required to make this demonstration, attach additional sheets to the application.

- 1. Is this a new or increased discharge that began after April 3, 1991? If yes, complete G.2 below. If no, go to Section H.
- 2. Has an Anti-Degradation Analysis been previously conducted and submitted to the Department for the new or increased discharge referenced in G.1?
 Yes No

If yes, do not complete this section. If no, and the discharge is to a Tier II waterbody as defined in ADEM Admin. Code r. 335-6-10-.12(4), complete G.2.A – G.2.F below and ADEM Forms 311 and 313 (attached). ADEM Form 313 must be provided for each alternative considered technically viable.

Voc

No

Information required for new or increased discharges to high quality waters:

- A. What environmental or public health problem will the discharger be correcting?
- B. How much will the discharger be increasing employment (at its existing facility or as the result of locating a new facility)?
- C. How much reduction in employment will the discharger be avoiding?
- D. How much additional state or local taxes will the discharger be paying?
- E. What public service to the community will the discharger be providing?
- F. What economic or social benefit will the discharger be providing to the community?

SECTION H – EPA Application Forms

All Applicants must submit EPA permit application forms. More than one application form may be required from a facility depending on the number and types of discharges or outfalls found. The EPA application forms are found on the Department's website at http://www.adem.alabama.gov/programs/water/waterforms.cnt. The EPA application forms must be submitted in duplicate as follows:

- 1. All applicants must submit Form 1.
- 2. Applicants for existing industrial facilities (including manufacturing facilities, commercial facilities, mining activities, and silvicultural activities) which discharge process wastewater must submit Form 2C.
- 3. Applicants for new industrial facilities which propose to discharge process wastewater must submit Form 2D.
- 4. Applicants for new and existing industrial facilities which discharge only non-process wastewater (i.e., non-contact cooling water and/or sanitary wastewater) must submit Form 2E.
- Applicants for new and existing facilities whose discharge is composed entirely of storm water associated with industrial activity must submit Form 2F, unless exempted by § 122.26(c)(1)(ii). If the discharge is composed of storm water and nonstorm water, the applicant must also submit Forms 2C, 2D, and/or 2E, as appropriate (in addition to Form 2F).

SECTION I - ENGINEERING REPORT/BMP PLAN REQUIREMENTS

See ADEM 335-6-6-.08(i) & (j)

SECTION J- RECEIVING WATERS

Outfall No.	Receiving Water(s)	303(d) Seg	gment?	Included in	n TMDL?*
All	Locust Fork of the Black Warrior River	X Yes	No	Yes	No
		🗌 Yes	No	🗌 Yes	No
		🗌 Yes	No	🗌 Yes	No
		Ves 🗌	No	🗌 Yes	No
		🗌 Yes	No	Yes	No

*If a TMDL Compliance Schedule is requested, the following should be attached as supporting documentation:

(1) Justification for the requested Compliance Schedule (e.g. time for design and installation of control equipment, etc.);

(2) Monitoring results for the pollutant(s) of concern which have not previously been submitted to the Department (sample collection dates, analytical results (mass and concentration), methods utilized, MDL/ML, etc. should be submitted as available);

(3) Requested interim limitations, if applicable;

(4) Date of final compliance with the TMDL limitations; and,

(5) Any other additional information available to support requested compliance schedule.

SECTION K - APPLICATION CERTIFICATION

The information contained in this form must be certified by a responsible official as defined in ADEM Administrative Code r. 335-6-6-.09 "signatories to permit applications and reports" (see below).

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Signature of Responsible Official:	Date Signed: 9- 28-21					
Name: Joel Wilmoth	Title: Terminal Manager					
If the Responsible Official signing this application is not identified in Sect	ion A.7, provide the following information:					

Mailing Address: 8250 Birmingport Rd

City: Mulga

State: AL

Zip: 35110

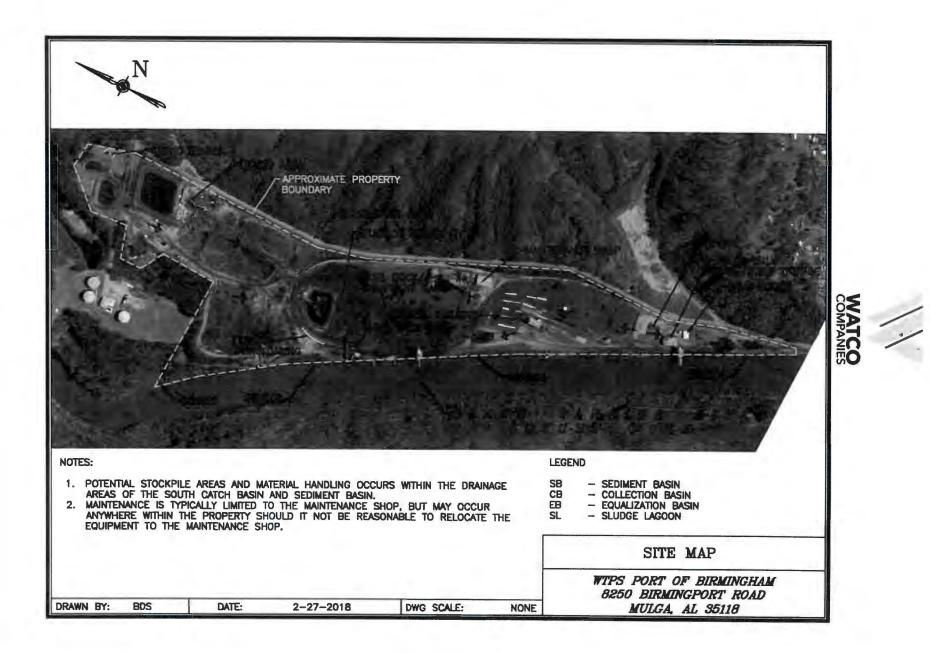
Phone Number: 205-436-3601

Email Address: jwilmoth@watco.com

335-6-6-,09 SIGNATORIES TO PERMIT APPLICATIONS AND REPORTS.

(1) The application for an NPDES permit shall be signed by a responsible official, as indicated below:

- (a) In the case of a corporation, by a principal executive officer of at least the level of vice president, or a manager assigned or delegated in accordance with corporate procedures, with such delegation submitted in writing if required by the Department, who is responsible for manufacturing, production, or operating facilities and is authorized to make management decisions which govern the operation of the regulated facility;
- (b) In the case of a partnership, by a general partner;
- (c) In the case of a sole proprietorship, by the proprietor; or
- (d) In the case of a municipal, state, federal, or other public entity, by either a principal executive officer, or ranking elected official.



EPA Identification Number ALR000008193			PDES Permit Number AL0045161	Facility Name Watco Alabarna Port Services,		Form Approved 03/05/ OMB No. 2040-00	
Form			U.S. Environmental Protection Agency				
1	3	EPA	Application for NPDES Permit to Discharge Wastewater				
PDES		GENERAL INFORMATION					
ECTIO	N 1. AC	TIVITIES REQUIRING AN	NPDES PERMIT (40 C	FR 122.21(f) ar	nd (f)(1))		
Activities Requiring an NPDES Permit	1.1	Applicants Not Require			· ····································		
	1.1.1	Is the facility a new or existing publicly owned treatment works? If yes, STOP. Do NOT complete I No Form 1. Complete Form 2A.		1.1.2	Is the facility a new or existing treatment works treating domestic sewage? If yes, STOP. Do NOT v No complete Form 1. Complete Form 2S.		
	1.2	Applicants Required to Submit Form 1					
	1.2.1	Is the facility a concentra operation or a concentr production facility? ☐ Yes → Complete and Form	ated aquatic animal Form 1 🔽 No	1.2.2	 1.2.2 Is the facility an existing manufacturing, commercial, mining, or silvicultural facility that is currently discharging process wastewater? 		
	1.2.3	Is the facility a new manumining, or silvicultural factors commenced to discharge Yes → Complete and Form	sility that has not yet ge? Form 1 🖌 No	1.2.4	Is the facility a new or existing manufacturing, commercial, mining, or silvicultural facility that discharges only nonprocess wastewater ? ☐ Yes → Complete Form		
Activitie	1.2.5	Is the facility a new or ex discharge is composed et associated with industr discharge is composed of non-stormwater? ✓ Yes → Complete I and Form unless exe 40 CFR 122.26(b)((b)(15).	ntirely of stormwater ial activity or whose f both stormwater and Form 1 D No 2F empted by				
CTIO	N 2. NAI	ME, MAILING ADDRESS, A	AND LOCATION (40 C	FR 122.21(f)(2)			
	2.1	Facility Name					
		Watco Alabama Port Services, LLC					
=	2.2						
Name, Mailing Address, and Location	2.2	EPA Identification Number					
	2.3	Facility Contact					
		Name (first and last)	Title		Phone I	number	
		Joel Wilmoth	Terminal N	lanager	(205) 43	6-3601	
		Email address jwilmoth@watco.com					
	2.4	Facility Mailing Address					
		Street or P.O. box 8250 Birmingport Rd	t or P.O. box				
					ZIP cod	•	
		City or town	State		21 000	e	

}

OCT 07 2021 INDUSTRIAL SECTION

	A Identific	ation Number 008193		rmit Number 45161	Facility Nam Watco Alabama Por		Form Approved 03/05/19 OMB No. 2040-0004			
s d	2.5	Facility Location				I				
Name, Mailing Address, and Location Continued		Street, route num 8250 Birmingport	ber, or other sp	pecific identifier						
Mailing cation (County name Jefferson		County code 073	e (if known)					
Name, and Lo		City or town Mulga		State AL		ZIP code 35118)			
SECTIO	N 3. SIC	AND NAICS CODE	S (40 CFR 12	2.21(f)(3))						
	3.1	SIC Coo	e(s)	Description	(optional)					
		5052		Coal, ore, and	d other materials					
		4491		Marine trans	portation - loading and u	Inloading cargo				
Codes		2999		Synfuel prod	uction with asphalt emul	sion				
SIC and NAICS Codes	3.2	NAICS Co	de(s)	Description	(optional)					
C and										
SI										
				100 04/0/00						
SECHO	4.1 A.1	ERATOR INFORMA Name of Operato		122.21(1)(4))						
		Watco Alabama Po		r						
5	4.2	Is the name you lis			r?					
Operator Information		✓ Yes □ No								
Infor	4.3	Operator Status								
tor	4.5	Public—feder		Public-state	Г	Other public (spe	cifu)			
bera		Private		Other (specify		a other public (spe	city/			
0	4.4	Phone Number o	f Operator	Tother (specify	//		······································			
		(205) 436-3601								
	4.5	Operator Address	3							
tion		Street or P.O. Box								
ed		8250 Birmingport F	Rd							
Operator Information Continued		City or town Mulga		State AL		ZIP code 35118				
C		Email address of c	nerator							
do		jwilmoth@watco.c								
SECTIO	N 5. IND	IAN LAND (40 CFR	122.21(f)(5))							
nd	5.1	Is the facility locate	ed on Indian La	and?						
Indian Land		🗆 Yes 🗹 N	0							

EF	PA Identifica	tion Number NPDES Permit 008193 AL00451	1 144	Facility Name atco Alabama Port Service	Form Approved 03/05/19 OMB No. 2040-000			
SECTIC	ON 6. EX	STING ENVIRONMENTAL PERMITS						
Existing Environmental Permits	6.1	Existing Environmental Permits (NPDES (discharges to surface water)	check all that apply		responding permit number for each) UIC (underground injection of fluids)			
ng Enviro Permits		PSD (air emissions)		ent program (CAA)	NESHAPs (CAA)			
Existi		Ocean dumping (MPRSA)	Dredge or f	II (CWA Section 404)	Cother (specify) Air 4-07-2688-001			
SECTIO	DN 7. MA	P (40 CFR 122.21(f)(7))	· · ····					
Map	7.1	Have you attached a topographic m specific requirements.)	ap containing all re	quired information to this	application? (See instructions for			
		Yes No CAFO-N	ot Applicable (See	requirements in Form 2B	.)			
SECTIO	N 8. NA	URE OF BUSINESS (40 CFR 122.2						
	8.1	Describe the nature of your busines The facility is a wholesale distributo		ore and gypsum storing	and loading			
		The facility is a wholesale distribute			, and rodding.			
Nature of Business								
Busi								
e of								
atur								
z								
SECTIO	N 9. CO	DLING WATER INTAKE STRUCTUR	ES (40 CFR 122.2	1(f)(9))				
	9.1	Does your facility use cooling water						
Se		☐ Yes ☑ No → SKIP to Item	10.1.					
Vate	9.2	Identify the source of cooling water.						
Cooling Water Intake Structures		40 CFR 125, Subparts I and J may I NPDES permitting authority to deter						
Cooli		The DEO permitting durining to deter	mine what speeme		submitted and when.			
Ē								
SECTIO		RIANCE REQUESTS (40 CFR 122.2 Do you intend to request or renew o	and the second	orignoos authorized at 40	CEP 122 21/m/2 (Check all that			
ests	10.1	apply. Consult with your NPDES per when.)						
Variance Requests		Fundamentally different factor Section 301(n))	rs (CWA	Water quality related e 302(b)(2))	effluent limitations (CWA Section			
Varianc		Non-conventional pollutants (Section 301(c) and (g))	CWA	Thermal discharges (CWA Section 316(a))			
2		 Not applicable 						

	EPA Identifica		ber NPDES Permit Nur AL0045161	Mater A		lity Name a Port Services, LLC	Form Approved 03/05/19 OMB No. 2040-0004			
SECT		_	ST AND CERTIFICATION STAT		-					
	11.1	In Co For e	lumn 1 below, mark the sections ach section, specify in Column 2 ot all applicants are required to p	of Form 1 that you ha	ave co	mpleted and are su				
			Column 1			(Column 2			
			Section 1: Activities Requiring	an NPDES Permit		w/ attachments				
			Section 2: Name, Mailing Add	ress, and Location		w/ attachments				
			Section 3: SIC Codes			w/ attachments				
			Section 4: Operator Informatio	n		w/ attachments				
			Section 5: Indian Land			w/ attachments				
ŧ			Section 6: Existing Environmental Permits			w/ attachments				
Checklist and Certification Statement		V	Section 7: Map	ion 7: Map			w/ additional attachments			
ion St		2	Section 8: Nature of Business	8: Nature of Business		map w/ attachments				
tificat			Section 9: Cooling Water Intak	n 9: Cooling Water Intake Structures						
d Cer			Section 10: Variance Requests	ion 10: Variance Requests						
list an		2	Section 11: Checklist and Cert	ification Statement		w/ attachments				
heck	11.2	Certif	Certification Statement							
0		in acc inform directi belief,	fy under penalty of law that this d ordance with a system designed hation submitted. Based on my in y responsible for gathering the in true, accurate, and complete. I a ing the possibility of fine and imp	to assure that qualifi quiry of the person of formation, the inform am aware that there a	ed per r perso nation s are sign	sonnel properly gat ons who manage th submitted is, to the nificant penalties fo	ther and evaluate the e system, or those persons best of my knowledge and			
			Name (print or type first and last name) Joel Wilmoth			Official title Terminal Manager				
		Signat			Date	signed				
		Je	Wilmork		9-28-21					

	dentification		NPDES Permit N AL004516		Watco A	Facility Na labama P	ime ort Services,			proved 03/05/ 3 No. 2040-00			
Form 2F IPDES	9	EPA		Application	for NPDES	ental Pro Permit to	-	Wastewat					
				ATER DISCH	ARGES AS	SSOCIA	TED WITH I	NDUSTR	IAL ACTIV	TY			
ECTION	1.001		TION (40 CFR 122.21(g		ls in the tab	e helow							
		Outfall Number	Receiving Water Na		Latif				Longitude				
E		001E	Locust Fork of the Bla	ack 33	° 34'	45″	N	87°	7'	10" W			
Outfall Location		002E	Locust Fork of the Bla	ack 33	3° 34′	32"	N	87°	7'	1" W			
fall Lo		003E	Locust Fork of the Bla	ack 33	3° 34′	22"	N	87°	6'	52″ W			
Out		004E	Locust Fork of the Bla	ack 33	3° 34'	0.00"	N	87°	6′	38″ W			
		005E	Locust Fork of the Bla	ack 33	3° 35′	0.00″	N	87°	6'	53″ W			
-					• •	"		٥	,	"			
	2.2	affect the discharges described in this application? □ Yes ☑ No → SKIP to Section 3. Briefly identify each applicable project in the table below.											
		Priof Identification and Affected Outfalls Final Compliance											
		Description of Project		(list outfall numbers) Source(s) of Di			e(s) of Discha	rge	Required	Projecte			
Improvements													

Drainage Map	3.1		IAP (40 CFR 122.26(c)(1)(i) ached a site drainage map c ance.)		nation to this application?	(See instructions for
Dra		V Yes		No No		
CTION	_	The second s	RCES (40 CFR 122.26(c)(1)			
	4.1	Provide infor Outfall		rea Drained		
		Outfall Impervious Surface Area Number (within a mile radius of the facility)				
		001	0	specify units	25	specify unit acres
		002	0	specify units	92	specify unit acres
		003	0	specify units	29	specify unit acres
		004	0	specify units	6	specify unit
		005	0	specify units	19	specify unit
				specify units		specify unit
rces	4.2	Provide a na requirements	rrative description of the faci s.) This facility is a wholesale d	lity's significant material in t		
Pollutant Sources	4.2	requirements	s.) This facility is a wholesale d	lity's significant material in t	n ore, and gypsum storing	and loading
Pollutant Sources		requirements	s.)	lity's significant material in t	n ore, and gypsum storing structural control measure	s and loading RECEIVED FEB 2 5 2021 EFEB 2 5 202
Pollutant Sources		requirements	s.) This facility is a wholesale d	lity's significant material in t istributor of coal, coke, iror existing structural and non- pecific guidance.)	n ore, and gypsum storing structural control measure	and loading
Pollutant Sources		Provide the I stormwater r	s.) This facility is a wholesale d	lity's significant material in t istributor of coal, coke, iror existing structural and non- pecific guidance.) Stormwater Treatme	n ore, and gypsum storing structural control measure	and loading
Pollutant Sources		Provide the I stormwater r Outfall Number	s.) This facility is a wholesale d ocation and a description of unoff. (See instructions for s	lity's significant material in t istributor of coal, coke, iror existing structural and non- pecific guidance.) Stormwater Treatme Control Measures and T	n ore, and gypsum storing structural control measure	s and loading
Pollutant Sources		Provide the l stormwater r Outfall Number	s.) This facility is a wholesale d ocation and a description of unoff. (See instructions for s	lity's significant material in t istributor of coal, coke, iror existing structural and non- pecific guidance.) Stormwater Treatme Control Measures and T	n ore, and gypsum storing structural control measure	s and loading

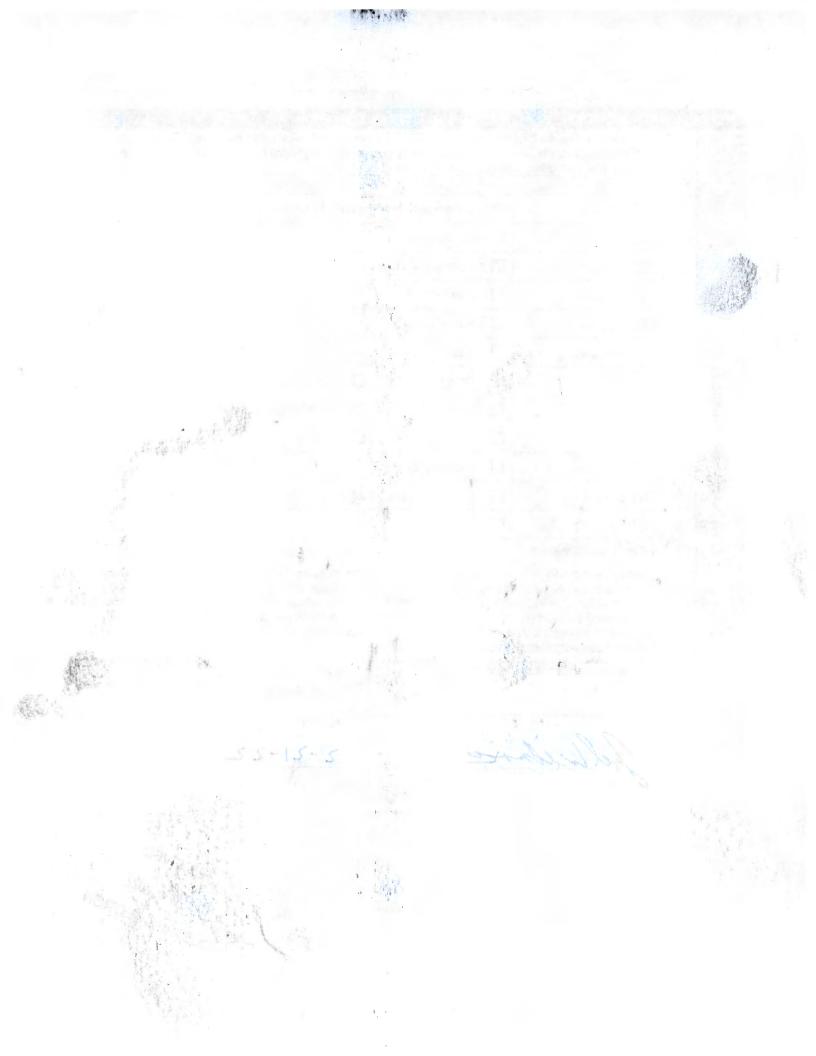
	ALR00000	n Number 8193	NPDES Permit Number AL0045161	Watco Alabar	lity Name ma Port Services,	Form Approved 03/05/19 OMB No. 2040-0004	
TIO	N 5 NO	STORMWATER	DISCHARGES (40 CFR 122.26(c	THE OWNER AND ADDRESS OF TAXABLE PARTY.			
	5.1	I certify under presence of no	penalty of law that the outfall(s) on-stormwater discharges. Moreo described in either an accompanyi	covered by this over, I certify th	at the outfalls identified a		
			ype first and last name)		Official title		
Non-Stormwater Liscnarges		Joel Wilmoth		Terminal Manager			
		Signature		Date signed			
	5.2	Provide the test	ing information requested in the ta	ble below.			
		Outfall Number	Description of Testing Met	hod Used	Date(s) of Testing	Onsite Drainage Points Directly Observed During Test	
ПО	N 6. SIGI		S OR SPILLS (40 CFR 122.26(c)(1	(I)(I)(U))			
	N 6. SIG	Describe any sig	S OR SPILLS (40 CFR 122.26(c)(1 gnificant leaks or spills of toxic or h not experienced a spill			RECEIVED FEB 2 5 2022 INDUSTRIAL SEC	
	6.1	Describe any signation of the facility has reading the facility has rea	gnificant leaks or spills of toxic or h not experienced a spill	nazardous polluta		RECEIVED FEB 2 5 2022 INDUSTRIAL SEC	
	6.1 N 7. DISC See the	Describe any sig The facility has r CHARGE INFORM e instructions to de	gnificant leaks or spills of toxic or h	nazardous polluta		and the second	
ΓIO	6.1 N 7. DISC See the	Describe any signature The facility has r CHARGE INFORM instructions to dete. Not all applications	gnificant leaks or spills of toxic or h not experienced a spill MATION (40 CFR 122.26(c)(1)(i)(E etermine the pollutants and parame	nazardous polluta		and the second	
TIO	6.1 N 7. DISC See the comple	Describe any signation The facility has represented by the fac	gnificant leaks or spills of toxic or h not experienced a spill MATION (40 CFR 122.26(c)(1)(i)(E etermine the pollutants and parame nts need to complete each table. urce or new discharge? See instructions regarding submiss	nazardous polluta		, the tables you must	
	6.1 N 7. DISC See the comple 7.1	Describe any sign The facility has r CHARGE INFORM e instructions to de te. Not all applicat Is this a new so Yes \rightarrow S	gnificant leaks or spills of toxic or h not experienced a spill MATION (40 CFR 122.26(c)(1)(i)(E etermine the pollutants and parame nts need to complete each table. urce or new discharge? See instructions regarding submiss	azardous polluta	uired to monitor and, in turn No → See instructions reg	, the tables you must	
	6.1 N 7. DISC See the comple 7.1	Describe any sig The facility has r CHARGEINFORI e instructions to de te. Not all applican Is this a new so □ Yes → S estimated A, B, C, and D	gnificant leaks or spills of toxic or h not experienced a spill MATION (40 CFR 122.26(c)(1)(i)(E etermine the pollutants and parame nts need to complete each table. urce or new discharge? See instructions regarding submiss	azardous polluta	uired to monitor and, in turn No → See instructions reg	, the tables you must	

	Identificatio		NPDES Permit Number AL0045161		ity Name na Port Services,	Form Approved 03/05/19 OMB No. 2040-0004			
	7.3	Is the facility s wastewater?	ubject to an effluent limitation guide	eline (ELG) or effl	uent limitations in an NP	DES permit for its process			
		🔲 Yes		\checkmark	No → SKIP to Item 7.5	5.			
	7.4	Have you com indirectly in ar	ppleted Table B by providing quanti ELG and/or (2) subject to effluent	tative data for tho limitations in an N	se pollutants that are (1) IPDES permit for the fac No	limited either directly or ility's process wastewater?			
	7.5		or have reason to believe any pollu	tante in Exhibit 25		scharge?			
	1.0	5 Do you know or have reason to believe any pollutants in Exhibit 2F–2 are present in the discharge? ☐ Yes							
	7.6	Have you liste	d all pollutants in Exhibit 2F–2 that titative data or an explanation for th			resent in the discharge and			
		Yes			No				
	7.7	Do you qualify	ofor a small business exemption un	der the criteria sp	ecified in the Instruction	s?			
		☐ Yes →	SKIP to Item 7.18.	\checkmark	No				
	7.8	Do you know	or have reason to believe any pollu	tants in Exhibit 2F	-3 are present in the dis	scharge?			
		Yes		\checkmark	No → SKIP to Item 7.1	0.			
tinued	7.9	Have you liste Table C?	d all pollutants in Exhibit 2F–3 that	you know or have	e reason to believe are p	resent in the discharge in			
Con		Yes			No				
ation	7.10	Do you expec	t any of the pollutants in Exhibit 2F-	-3 to be discharge	ed in concentrations of 1	0 ppb or greater?			
ormé		Yes		\checkmark	No → SKIP to Item 7.1				
Discharge Information Continued	7.11		vided quantitative data in Table C fo s of 10 ppb or greater?	or those pollutants	s in Exhibit 2F–3 that you	expect to be discharged in			
isch		Yes			No				
	7.12	Do you expec of 100 ppb or	t acrolein, acrylonitrile, 2,4-dinitroph greater?	nenol, or 2-methy	-4,6-dinitrophenol to be o	discharged in concentrations			
		Yes		\checkmark	No → SKIP to Item 7.1				
	7.13		vided quantitative data in Table C for concentrations of 100 ppb or greate		lentified in Item 7.12 that	t you expect to be			
		Yes			No				
	7.14	Have you prov discharge at c	vided quantitative data or an explan concentrations less than 10 ppb (or	ation in Table C f less than 100 ppt	or pollutants you expect o for the pollutants identif	to be present in the fied in Iteration			
		Yes Yes		\checkmark	No	AL 9.5 2022			
	7.15	Do you know	or have reason to believe any pollu	tants in Exhibit 2f	-4 are present in the dis	scharg FEB SECTIV			
		Yes			No → SKIP to Item 7.1	7. USTRIAL			
	7.16	Have you liste explanation in	or have reason to believe any pollur ed pollutants in Exhibit 2F–4 that yo Table C? vided information for the storm ever	u know or believe	to be present in the disc	char geo and provided an			
		Yes		\checkmark	No				
	7.17	Have you prov	vided information for the storm ever	nt(s) sampled in T					
		Yes		\checkmark	No				

LR0000	08193	AL0045161		lity Name ma Port Services,		Form Approved 03/05 OMB No. 2040-0
Used	or Manufactured Tox	kics				
7.18		ed on Exhibits 2F–2 through 2 n intermediate or final produc				
7.19		elow, including TCDD if appl				
	1.	4.		7.		
	2.	5.		8.		
	3.	6.		9.		
N 8. BIO 8.1	Do you have any k	TESTING DATA (40 CFR 1) mowledge or reason to believ rges or on a receiving water i	e that any biologion relation to your of		e last three y	vears?
8.2	Identify the tests an	nd their purposes below.				
	Test(s)	Purpose of	f Test(s)	Submitted to NPI Permitting Author		Date Submitted
				Yes D		
				· • 8 8 · · · ·		
				Yes 🖸	No	
9.1	Were any of the an	INFORMATION (40 CFR 12 alyses reported in Section 7	Contraction and the second second	Yes	No	laboratory or
	and the second sec		(on Tables A throu	Yes	No by a contract	
9.1	Were any of the an consulting firm?	alyses reported in Section 7	(on Tables A throu	Yes Yes Gh C) performed b No → SKIP	No by a contract	
	Were any of the an consulting firm?		(on Tables A throu	Yes Yes Gh C) performed b No → SKIP	No by a contract to Section 1	0.
9.1	Were any of the an consulting firm?	alyses reported in Section 7	(on Tables A throu or consulting firm Number 1	Yes Yes Yes Yes No → SKIP below.	No by a contract to Section 1	0.
9.1	Were any of the an consulting firm? Yes Provide information	alyses reported in Section 7 n for each contract laboratory Laboratory N //firm McGehee Enginee	(on Tables A throu or consulting firm Number 1 ering Corp	Yes Yes Yes Yes No → SKIP below.	No by a contract to Section 1 hber 2	0. Laboratory Number
9.1	Were any of the an consulting firm? Yes Provide information Name of laboratory	alyses reported in Section 7 n for each contract laboratory Laboratory M //firm McGehee Enginee 5 450 19th Street	(on Tables A throu or consulting firm Number 1 ering Corp	Yes Yes Yes Yes No → SKIP below.	No by a contract to Section 1 hber 2	0.

	dentificatio	on Number 08193	NPDES Permit Number AL0045161	Facility Name Watco Alabama Port Services,	Form Approved 03/05/19 OMB No. 2040-0004					
CTIO	N 10.,CH 10.1	In Column 1 below, m each section, specify	nark the sections of Form : in Column 2 any attachme	(40 CFR 122.22(a) and (d)) 2F that you have completed and are ents that you are enclosing to alert th ons or provide attachments.						
		Column 1		Column 2						
		Section 1	w/ attachn	nents (e.g., responses for additional o	outfalls)					
		Section 2	w/ attachm	w/ attachments						
		Section 3	w/ site dra	w/ site drainage map						
		Section 4	w/ attachn	nents						
		Section 5	✓ w/ attachm	nents						
ŧ		Section 6	w/ attachm	nents .						
ateme		Section 7	Table A	w/ small busines	s exemption request					
on Sta			Table B	w/ analytical resu	lts as an attachment					
Checklist and Certification Statement			Table C	Table D						
d Cert		Section 8	w/attachm	ents						
ist an		Section 9	w/attachm	ents (e.g., responses for additional c	ontact laboratories or firms)					
heck		Section 10								
0	10.2	Certification Statem	ent							
		accordance with a s submitted. Based on for gathening the info	ystem designed to assure my inquiry of the person o rmation, the information s e that there are significant	t and all attachments were prepared to that qualified personnel property g or persons who manage the system of ubmitted is, to the best of my knowled penalties for submitting false information	ather and evaluate the information or those persons directly responsible edge and belief, true, accurate, an					
		Name (print or type fi	rst and last name)	Official title	1					
		Joel Wilmoth		Terminal Manager						
		Signature		Date signed						
		belle	ihre	2-21-2	2					

RECEIVED FEB 2 5 2022 INDUSTRIAL SECTION



	EPA Identification Number NF ALR000008193					Form Approved 03/05/1 OMB No. 2040-000	
	BLE A. CONVENTIONAL AND NON CON must provide the results of at least one a				all. See instructions for a	dditional details and requ	uirements.
			aily Discharge		aily Discharge	Number of Storm	Source of Information
	Pollutant or Parameter	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Events Sampled	(new source/new dischargers only; use codes in instructions)
1.	Oil and grease	BML		N/A		N/A	5 (lab)
2.	Biochemical oxygen demand (BOD5)	3 mg/L	N/A	N/A	N/A	N/A	5 (lab)
3.	Chemical oxygen demand (COD)	BML	N/A	N/A	N/A	N/A	5 (lab)
4.	Total suspended solids (TSS)	4 mg/L	N/A	N/A	N/A	N/A	5 (lab)
5.	Total phosphorus	0.26 mg/L	N/A	N/A	N/A	N/A	5 (lab)
6.	Total Kjeldahl nitrogen (TKN)	0.6 mg/L	N/A	N/A	N/A	N/A	5 (lab)
7.	Total nitrogen (as N)	0.60 mg/L	N/A	N/A	N/A	N/A	5 (lab)
	pH (minimum)	6.17 s.u.		N/A	The same	N/A	5 (lab)
8.	pH (maximum)	6.17 s.u.		N/A		N/A	5 (lab)

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

RECEIVED REB 25 1012 FEB 25 1012 NDUSTRIAL SECTION

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RECEIVED REB 2.5 2022 FEB 2.5 2021

EPA Identification Number NF ALR000008193	DES Permit Number AL0045161	Facility Nam Watco Alabama Port		Outfall Number 004		Form Approved 03/05/19 OMB No. 2040-0004
TABLE B. CERTAIN CONVENTIONAL AND List each pollutant that is limited in an effluent facility is operating under an existing NPDES	limitation guideline (ELG)	that the facility is subj	ect to or any pollutant liste	d in the facility's NPDE	S permit for its process	wastewater (if the
	Maximum Dai (specify	ily Discharge	Average Daily (specify			Source of Information (new source/new dischargers only; use codes in instructions)
Pollutant and CAS Number (if available)	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	 Number of Storm Events Sampled 	
Iron, Total	0.13 mg/L	N/A	N/A	N/A	N/A	5 (lab)
Manganese, Total	BML	N/A	N/A	N/A	N/A	5 (lab)
PEB 25 2021						
pust of the	THE WED					
FIIAL FI	ALC I					
SEC						
nor						

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number ALR000008193		ES Permit Number AL0045161	Facility Nam Watco Alabama Port		Outfall Number 004		Form Approved 03/05/1 OMB No. 2040-000
ABLE C. TOXIC POLLUTANTS, C ist each pollutant shown in Exhibits etails and requirements.	Contract of the second s						
A CONTRACTOR		Maximum Da (specify	ly Discharge	Average Dai (specif	ly Discharge	- Number of Storm Events Sampled	Source of Information
Pollutant and CAS Number (if a	ollutant and CAS Number (if available)	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		(new source/new dischargers only; use codes in instructions)
MOUSTRIAL SEC	AEOEN						
ALL SP	SNA	3					
	2						

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Numb ALR000008193	er NPDES Permit AL00451		Facility name Alabama Port Services, LLC	Outfall Numb 004	er	Form Approved 03/05/19 OMB No. 2040-0004
	T INFORMATION (40 CFR 12					
Provide data for the storm	n event(s) that resulted in the m	aximum daily discharge				
Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall Duri Storm Event (in inches)	ng Number of Hour Beginning of Storm End of Previous Me Event	Measured and asurable Rain	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
Provide a description of t	he method of flow measuremen	t or estimate.				
	17					
	FEB					
	17AIA					
	SEC	0				
	RECEIVE FEB 2:5 2022 FEB 2:5 2022					



315 West 3rd Street Pittsburg, KS 66762 Phone: 620-231-2230 Fax: 620-231-0812

Attachment 2: Sample Analysis



Customer First - Safety Always!



RECEIVED FEB 2 5 2022

Date Printed: 2/17/2022 Client: WATCO 8250 Birmingport Road

Mulga, AL 35118

REPORT OF FINDINGS

Location: , WATCO-Speci ample Date: 2/10/2022 @ 8			d e nts: Inpond	Lab ID: 22021111-01		
Analyte	Result	Minimum Level / Units	Method	Analysis Date	Analyst	
Biochemical Oxygen Demand	3	mg/L	SM5210-B	2/15/2022	HeathBrown	
Chemical Oxygen Demand	BML	15 mg/L	SM5220-D	2/15/2022	Stillbrook	
Conductance	822.0	µS/cm	SM2510-B	2/11/2022	DrewBentley	
Iron, Total	0.13	0.02 mg/L	EPA200.8	2/14/2022 2:04:08 PM	KyleThomas	
Manganese, Total	BML	0.03 mg/L	EPA200.8	2/14/2022 2:04:08 PM	KyleThomas	
Nitrogen, Total	0.60	0.06 mg/L	SM4500-NH3-C & SM4110B	2/16/2022	Stillbrook	
Nitrogen, Total Kjeldahl	0.6	0.3 mg/L	SM4500-NH3-C	2/16/2022	Stillbrook	
Oil & Grease	BML	5.0 mg/L	EPA1664	2/11/2022	HeathBrown	
pH	6.17	s.u.	D1293-B	2/11/2022	DrewBentley	
Phosphorus, Total	0.26	0.06 mg/L	SM4500-P-E	2/16/2022	DrewBentley	
Solids, Total Suspended	4	mg/L	SM2540-D	2/11/2022 2:01:46 PM	DrewBentley	

Analysis Approved: 2/17/2022

Jahn Mais

John Morris Laboratory Manager

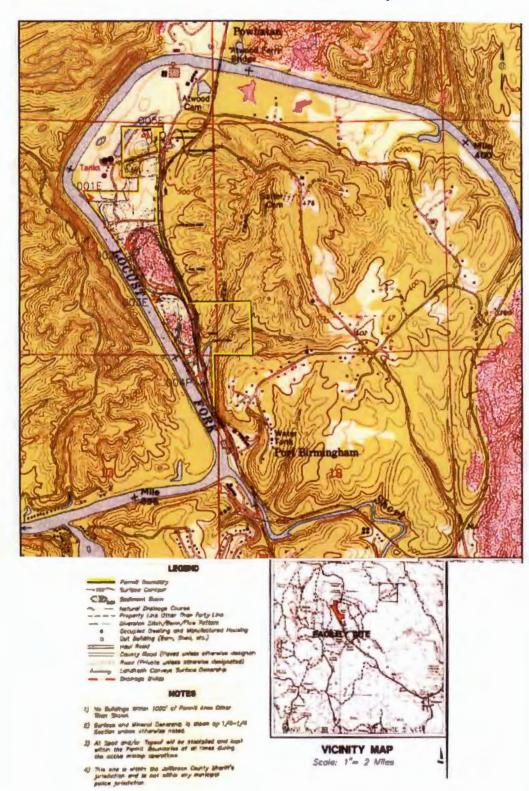
RECEIVED FEB 2 5 2022 INDUSTRIAL SECTION

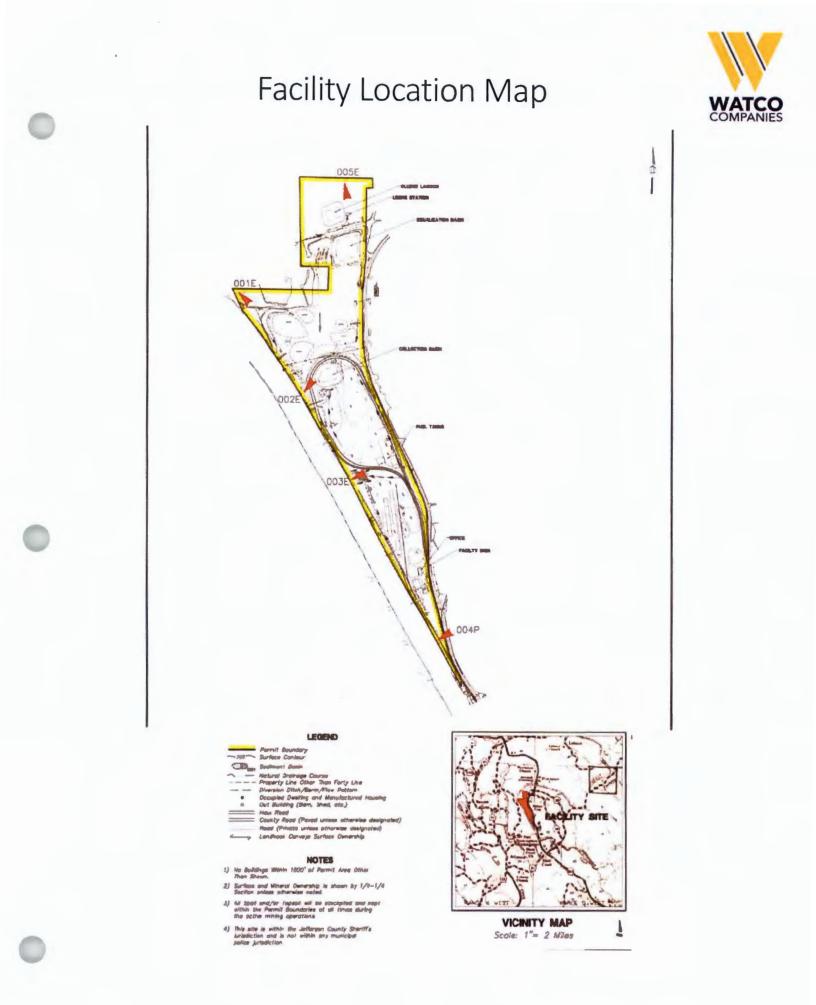
NA = Not Analyzed ND = No Discharge BML = Below Minimum Level

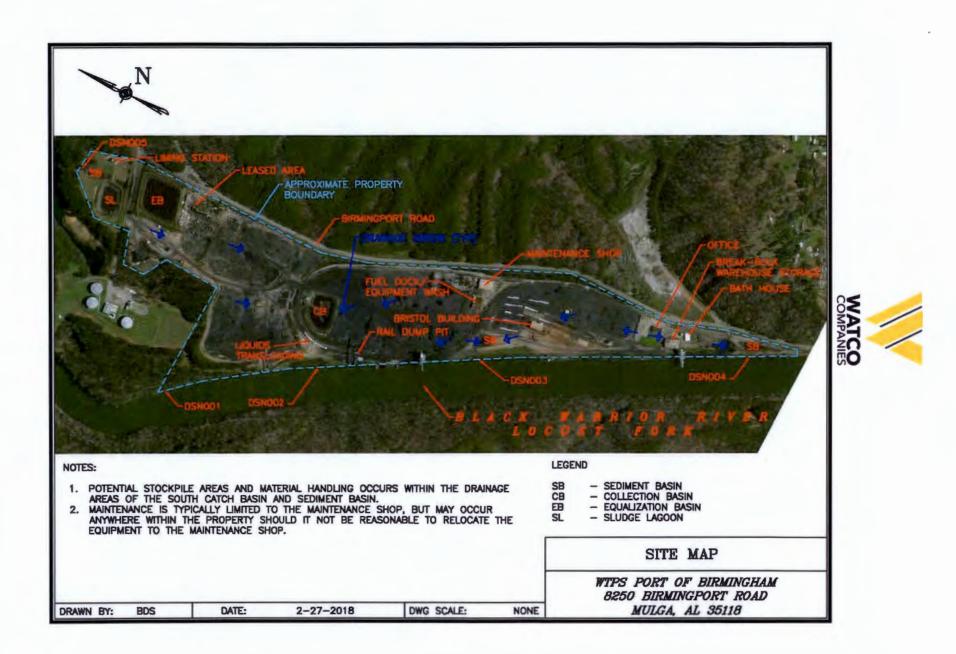
Page 1 of 1

Facility Vicinity Map











Date Printed: 9/20/2021

Location: , WATCO-Special Barge Loading Facility -- 004 Inpond Sample Date: 9/2/2021 @ 10:50:00 AM Comments: Inpond Lab ID: 21090307-04

Analyte	Result	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	1169	μS/cm	SM2510-B	9/3/2021	ToddManuel
Iron, Total	0.34	0.02 mg/L	EPA200.8	9/3/2021 3:21:50 PM	KyleThomas
Manganese, Total	0.06	0.03 mg/L	EPA200.8	9/3/2021 3:21:50 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	9/17/2021	HeathBrown
pH	6.60	s.u.	D1293-B	9/3/2021	ToddManue
Solids, Total Suspended	9	mg/L	SM2540-D	9/3/2021 2:19:19 PM	ToddManuel

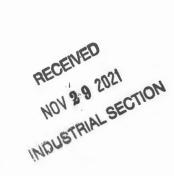
Location: , WATCO-Special Barge Loading Facility -- 005 Inpond Sample Date: 9/2/2021 @ 11:40:00 AM Comments: Inpond Lab ID: 21090307-05

ample Date. 3/2/2021 @ 11	.40.00 AN	commen	is. inpond		
Analyte	<u>Result</u>	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	165.9	μS/cm	SM2510-B	9/3/2021	ToddManuel
Iron, Total	1.68	0.02 mg/L	EPA200.8	9/3/2021 3:25:52 PM	KyleThomas
Manganese, Total	BML	0.03 mg/L	EPA200.8	9/3/2021 3:25:52 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	9/17/2021	HeathBrown
рН	6.85	s.u.	D1293-B	9/3/2021	ToddManuel
Solids, Total Suspended	9	mg/L	SM2540-D	9/3/2021 2:19:51 PM	ToddManuel

Analysis Approved: 9/20/2021

John Mains

John Morris Laboratory Manager





RECEIVED NOV 8 9 2021 INDUSTRIAL SECTION

Date Printed: 7/6/2021 Client: WATCO 8250 Birmingport Road

Mulga, AL 35118

REPORT OF FINDINGS

Location: , WATCO-Special Barge Loading Facility 001 Inpond			Lab ID: 21061511-01		
mple Date: 6/11/2021 @ 2	:00:00 PM	Commen	ts: Inpond		
Analyte	Result	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	1459	µS/cm	SM2510-B	6/15/2021	DrewBentley
Iron, Total	0.23	0.02 mg/L	EPA200.8	6/16/2021 2:05:10 PM	KyleThomas
Manganese, Total	0.12	0.03 mg/L	EPA200.8	6/16/2021 2:05:10 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	7/2/2021	HeathBrown
рН	7.60	s.u.	D1293-B	6/15/2021	DrewBentley
Solids, Total Suspended	32	mg/L	SM2540-D	6/15/2021 11:28:06 AM	DrewBentley

Location: , WATCO-Special Barge Loading Facility -- 002 Inpond Sample Date: 6/11/2021 @ 2:05:00 PM Comments: Inpond Lab ID: 21061511-02

Analyte	<u>Result</u>	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	1569	µS/cm	SM2510-B	6/15/2021	DrewBentley
Iron, Total	0.19	0.02 mg/L	EPA200.8	6/16/2021 2:11:07 PM	KyleThomas
Manganese, Total	0.29	0.03 mg/L	EPA200.8	6/16/2021 2:11:07 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	7/2/2021	HeathBrown
pH	7.62	s.u.	D1293-B	6/15/2021	DrewBentley
Solids, Total Suspended	8	mg/L	SM2540-D	6/15/2021 11:28:19 AM	DrewBentley

Location: , WATCO-Special Barge Loading Facility -- 003 Inpond Sample Date: 6/11/2021 @ 1:50:00 PM Comments: Inpond Lab ID: 21061511-03

inpic bute. 0/11/2021 @ 1		••••••••	inpolia		
Analyte	Result	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	2356	µS/cm	SM2510-B	6/15/2021	DrewBentley
Iron, Total	0.24	0.02 mg/L	EPA200.8	6/16/2021 2:15:11 PM	KyleThomas
Manganese, Total	0.04	0.03 mg/L	EPA200.8	6/16/2021 2:15:11 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	7/2/2021	HeathBrown
рН	7.54	s.u.	D1293-B	6/15/2021	DrewBentley
Solids, Total Suspended	8	mg/L	SM2540-D	6/15/2021 11:29:07 AM	DrewBentley

NA = Not Analyzed ND = No Discharge BML = Below Minimum Level



Date Printed: 7/6/2021

Location: , WATCO-Special Barge Loading Facility -- 004 Inpond

Sample Date: 6/11/2021 @ 1:45:00 PM Comments: Inpond Analyte Minimum Level / Units Result Method **Analysis Date** Analyst Conductance 1131 µS/cm SM2510-B 6/15/2021 DrewBentley Iron, Total 0.16 0.02 mg/L EPA200.8 6/16/2021 2:19:15 PM **KyleThomas** Manganese, Total 0.04 0.03 mg/L EPA200.8 6/16/2021 2:19:15 PM **KyleThomas** Oil & Grease BML 5.0 mg/L EPA1664 7/2/2021 HeathBrown 7.64 pH D1293-B 6/15/2021 **DrewBentley** S.U. 7 Solids, Total Suspended mg/L SM2540-D 6/15/2021 11:29:24 AM DrewBentley

Location: , WATCO-Special Barge Loading Facility -- 005 Inpond Sample Date: 6/11/2021 @ 1:30:00 PM Lab ID: 21061511-05

Lab ID: 21061511-04

Sample Date: 0/11/2021 @ 1	.50.00 PW	commen	is: inpond		
Analyte	Result	<u>Minimum Level / Units</u>	Method	Analysis Date	Analyst
Conductance	1524	µS/cm	SM2510-B	6/15/2021	DrewBentley
Iron, Total	0.13	0.02 mg/L	EPA200.8	6/16/2021 2:23:19 PM	KyleThomas
Manganese, Total	0.19	0.03 mg/L	EPA200.8	6/16/2021 2:23:19 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	7/2/2021	HeathBrown
pH	7.55	s.u.	D1293-B	6/15/2021	DrewBentley
Solids, Total Suspended	6	mg/L	SM2540-D	6/15/2021 11:29:34 AM	DrewBentley

Analysis Approved: 7/6/2021

Jahn Mais

John Morris Laboratory Manager

RECEIVED NOV 29 2021 NOUSTRIAL SECTION



Date Printed: 4/12/2021 **Client: WATCO** 8250 Birmingport Road Mulga, AL 35118

REPORT OF FINDINGS

RECEIVED NOV 8 9 2021 INDUSTRIAL SECTION

Analyte	Result	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	1175	µS/cm	SM2510-B	4/1/2021	DrewBentley
Iron, Total	0.25	0.02 mg/L	EPA200.8	4/5/2021 1:47:18 PM	KyleThomas
Manganese, Total	0.09	0.03 mg/L	EPA200.8	4/5/2021 1:47:18 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	4/9/2021	HeathBrown
pH	6.03	s.u.	D1293-B	4/1/2021	DrewBentley
Solids, Total Suspended	8	mg/L	SM2540-D	4/1/2021 2:47:19 PM	DrewBentley

Sample Date: 3/31/2021 @ 10:22:00 AM

ample Date: 3/31/2021 @ 1	0:22:00 AM	Commen	its: Inpond		
Analyte	<u>Result</u>	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	1388	µS/cm	SM2510-B	4/1/2021	DrewBentley
Iron, Total	0.55	0.02 mg/L	EPA200.8	4/5/2021 1:51:21 PM	KyleThomas
Manganese, Total	0.51	0.03 mg/L	EPA200.8	4/5/2021 1:51:21 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	4/9/2021	HeathBrown
pH	6.09	s.u.	D1293-B	4/1/2021	DrewBentley
Solids, Total Suspended	20	mg/L	SM2540-D	4/1/2021 2:47:29 PM	DrewBentley

Location: , WATCO-Special Barge LF -- 003 Inpond Sample Date: 3/31/2021 @ 10:36:00 AM

Lab ID: 21040111-03

Analyte	Result	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	2226	µS/cm	SM2510-B	4/1/2021	DrewBentley
Iron, Total	0.76	0.02 mg/L	EPA200.8	4/5/2021 1:55:23 PM	KyleThomas
Manganese, Total	0.13	0.03 mg/L	EPA200.8	4/5/2021 1:55:23 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	4/9/2021	HeathBrown
pH	6.12	s.u.	D1293-B	4/1/2021	DrewBentley
Solids, Total Suspended	18	mg/L	SM2540-D	4/1/2021 2:47:40 PM	DrewBentley

Comments: Inpond

BML = Below Minimum Level NA = Not Analyzed ND = No Discharge



Date Printed: 4/12/2021

Location: , WATCO-Special Barge LF -- 004 Inpond

Lab ID: 21040111-04

Analyte	Result	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	312.0	μS/cm	SM2510-B	4/1/2021	DrewBentley
Iron, Total	1.44	0.02 mg/L	EPA200.8	4/5/2021 1:59:26 PM	KyleThomas
Manganese, Total	0.12	0.03 mg/L	EPA200.8	4/5/2021 1:59:26 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	4/9/2021	HeathBrown
pH	6.36	s.u.	D1293-B	4/1/2021	DrewBentley
Solids, Total Suspended	27	mg/L	SM2540-D	4/1/2021 2:48:50 PM	DrewBentley

Analysis Approved: 4/12/2021

Jahn Mains

John Morris Laboratory Manager



NA = Not Analyzed ND = No Discharge BML = Below Minimum Level



315 West 3rd Street Pittsburg, KS 66762 Phone: 620-231-2230 Fax: 620-231-0812

RECEIVED

OCT 07 2021

September 28, 2021

INDUSTRIAL SECTION

Alabama Department of Environmental Management (ADEM) Permits and Services Division Post Office Box 301463 Montgomery, Alabama 36130-1463

Dear Sir or Madam:

Watco Terminal and Port Services (Watco) – WTPS Port of Birmingham is submitting the National Pollutant Discharge Elimination System (NPDES) renewal permit application for Permit No. AL0045161.

The permit application is being submitted with no Analytical Data due to the site not experiencing a discharge during the permit coverage period.

Watco is including for your review the following attachments:

- Attachment 1 – Applicable Renewal Application Forms

- Attachment 2 - Maps/Figures

If you have any questions regarding this notification or the attachments, please contact Shonta' Moore, Environmental Manager with Watco Companies, LLC at (832) 302-6055 or shonta.moore@watcocompanies.com.

Sincerely,

Va ando

Shonta' Moore, REM Corporate Environmental Manager – Air

Customer First - Safety Always!



315 West 3rd Street Pittsburg, KS 66762 Phone: 620-231-2230 Fax: 620-231-0812 **RECEIVED**

FEB 2 5 2022

February 21, 2022

INDUSTRIAL SECTION

Alabama Department of Environmental Management (ADEM) Permits and Services Division Post Office Box 301463 Montgomery, Alabama 36130-1463

Dear Sir or Madam:

Watco Terminal and Port Services (Watco) – WTPS Port of Birmingham is submitting a revised Form 2F for the National Pollutant Discharge Elimination System (NPDES) renewal permit application for Permit No. AL0045161. The form includes a completed Tables A and B per your instruction and includes the sample analysis results for possible pollutants of the stormwater outfalls.

Watco has not experienced a discharge. Basin 004 is a representative outfall for the site and the basin that contains enough water to obtain an in-pond sample. Samples were collected from the pond and analysis was not performed based on a stormwater discharge. The data provided shows the potential pollutants in the event there is a stormwater discharge.

Watco is including for your review the following attachments:

- Attachment 1 Form 2F Application for Permit to Discharge Storm Water Associated with Industrial Activity
- Attachment 2 Sample Analysis

If you have any questions regarding this notification or the attachments, please contact Shonta' Moore, Environmental Manager with Watco Companies, LLC at (832) 302-6055 or shonta.moore@watcocompanies.com.

Sincerely,

Shonta' Moore, REM Corporate Environmental Manager – Air



and the second second second





315 West 3rd Street Pittsburg, KS 66762 Phone: 620-231-2230 Fax: 620-231-0812

Attachment 1: Application for Permit to Discharge Storm Water Associated with Industrial Activity

RECEIVED FEB 2 5 2022 INDUSTRIAL SECTION

Customer First - Safety Always!

Holt, Wayne A

From:	Shonta N. Moore <shonta.moore@watco.com></shonta.moore@watco.com>
Sent:	Monday, November 29, 2021 5:40 PM
To:	Holt, Wayne A
Subject:	RE: WATCO - AL Port Svs, NPDES application, AL0045161
Attachments:	WATCO 2021 1st Qtr.pdf; WATCO 2021 2nd Qtr.pdf; WATCO 2021 3rd Qtr.pdf

Hello Wayne,

I was able to get these sampling analyses from the consultant. Please let me know if this is sufficient for the SW permit application

Thanks

From: Holt, Wayne A <WHolt@adem.alabama.gov> Sent: Friday, November 5, 2021 10:12 AM To: Shonta N. Moore <Shonta.Moore@watco.com> Subject: Re: WATCO - AL Port Svs, NPDES application, AL0045161

This email originated from outside the company. Please use caution when opening attachments or clicking on links. Suspicious emails should be reported to <u>emailthreats@watco.com</u>

Thank you for checking on that. I am checking in-house to see where it went.

Get Outlook for Android

From: Shonta N. Moore <<u>Shonta.Moore@watco.com</u>> Sent: Friday, November 5, 2021 9:24:06 AM To: Holt, Wayne A <<u>WHolt@adem.alabama.gov</u>> Subject: RE: WATCO - AL Port Svs, NPDES application, AL0045161

I checked with my AP department and the Check No. is 1900005001. It was sent along with the application. I am also having AP track the check to see if it was cashed.

From: Holt, Wayne A <<u>WHolt@adem.alabama.gov</u>> Sent: Friday, November 5, 2021 7:48 AM To: Shonta N. Moore <<u>Shonta.Moore@watco.com</u>> Subject: RE: WATCO - AL Port Svs, NPDES application, AL0045161

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The DMRs you emailed say "no discharge". The Department is going to need some actual sampling of the ponds.

On the EPA Form 2F, there are some parameters that tests must be conducted, like BOD, pH, etc. (Part A), those in part B

that require Categorical parameters, and those in Part C that are Toxic/Hazardous/etc. pollutants. These Parts each have to be considered by WATCO since the Responsible Official signs under oath that it is correct. I'll ask here on the check. Is it on WATCO's bank or someone else's? And do you have a check number/date?

Wayne H

From: Shonta N. Moore <<u>Shonta.Moore@watco.com</u>> Sent: Thursday, November 4, 2021 4:37 PM To: Holt, Wayne A <<u>WHolt@adem.alabama.gov</u>> Subject: RE: WATCO - AL Port Svs, NPDES application, AL0045161

Hello Wayne,

I spoke with the Terminal Manager, and he informed me that we do quarterly sampling and submit DMRs to the agency. I have attached the DMRs that have been submitted. Please advise if these will suffice to meet the sampling requirements.

We are tracking down the check now that was sent to the agency for the permit application. The check was for \$5615. Is there someone there we can speak with to locate the check?

Thanks

From: Holt, Wayne A <<u>WHolt@adem.alabama.gov</u>> Sent: Thursday, November 4, 2021 1:10 PM To: Shonta N. Moore <<u>Shonta.Moore@watco.com</u>> Subject: WATCO - AL Port Svs, NPDES application, AL0045161

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Ms. Moore,

The Department received the NDPES permit application for Watco Alabama Port Services, LLC, AL0045161, on October 7, 2021. Thank you for submitting.

The cover letter states that sampling was not conducted due to the site not experiencing a [stormwater] discharge.

To give the Department an ideal of what may be in the potential discharges, please sample for and complete EPA Form 2F -Tables A, B, and C on the holding ponds for each of the outfall.

If you have any questions, please let me know.

As a side, it appears application fees were not received with the application. Could you please verify if they were paid or not and let us know so we may send a "fee request" email if needed.

Thank you, Wayne Holt Industrial Section Industrial/Municipal Branch Water Division Alabama Department of Environmental Management Post Office Box 301463 Montgomery, Alabama 36130 (334) 271-7847 adem.alabama.gov



Mission: Assure for all citizens of the state a safe, healthful and productive environment

Did you know you can submit your DMRs and SSOs online using our newly enhanced E2 DMR/SSO Reporting System? To sign up and learn more, please visit the Department's E2 Reporting System webpage <u>here</u>.

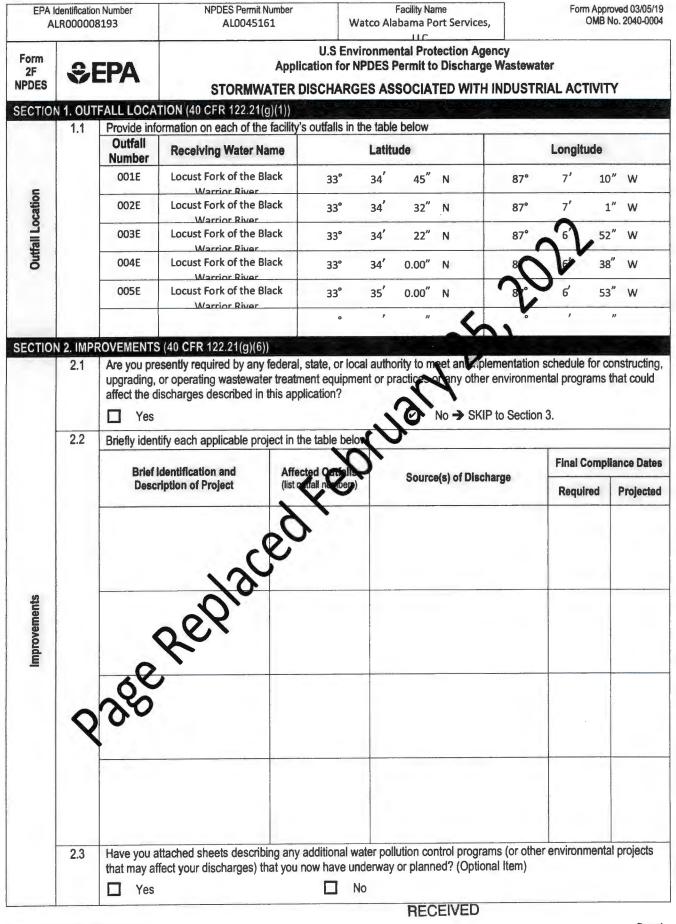


Client: WATCO

Date Printed: 9/20/2021 Client: WATCO 8250 Birming Mulga, AL 35			EC pineering corp	REC NO INDU	STRIAL SECTION
		REPORT OF F	INDINGS		
Location: , WATCO-Speci Sample Date: 9/2/2021 @ 11	-	ading Facility 001 Inpond	ts: Inpond	Lab ID: 21090	0307-01
Analyte	Result	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	1484	μS/cm	SM2510-B	9/3/2021	ToddManuel
Iron, Total	0.11	0.02 mg/L	EPA200.8	9/3/2021 3:09:20 PM	KyleThomas
Manganese, Total	0.08	0.03 mg/L	EPA200.8	9/3/2021 3:09:20 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	9/17/2021	HeathBrown
pH	6.59	s.u.	D1293-B	9/3/2021	ToddManuel
Solids, Total Suspended	4	mg/L	SM2540-D	9/3/2021 2:18:09 PM	ToddManuel
Location: , WATCO-Speci	al Barge Lo	ading Facility 002 Inpond		Lab ID: 21090	0307-02
Sample Date: 9/2/2021 @ 11	-		ts: Inpond		
Analyte	Result	Minimum Level / Units	Method	Analysis Date	Analyst
Conductance	1152	μS/cm	SM2510-B	9/3/2021	ToddManuel
Iron, Total	0.20	0.02 mg/L	EPA200.8	9/3/2021 3:13:24 PM	KyleThomas
Manganese, Total	0.13	0.03 mg/L	EPA200.8	9/3/2021 3:13:24 PM	KyleThomas
Oil & Grease	BML	5.0 mg/L	EPA1664	9/17/2021	HeathBrown
рН	6.54	s.u.	D1293-B	9/3/2021	ToddManuel
Solids, Total Suspended	5	mg/L	SM2540-D	9/3/2021 2:18:25 PM	ToddManuel
Location: , WATCO-Speci Sample Date: 9/2/2021@11	-	ading Facility 003 Inpond Commen	ts: Inpond	Lab ID: 21090	0307-03

Loca Sample Date: 021 @ 11:05:00 AM Comments: Inpond Analyte Result Minimum Level / Units Method Analysis Date Analyst Conductance 2418 SM2510-B 9/3/2021 ToddManuel µS/cm Iron, Total 0.37 0.02 mg/L EPA200.8 9/3/2021 3:17:46 PM **KyleThomas** EPA200.8 Manganese, Total 0.04 0.03 mg/L 9/3/2021 3:17:46 PM **KyleThomas** Oil & Grease BML 5.0 mg/L 9/17/2021 HeathBrown EPA1664 pH 6.43 s.u. D1293-B 9/3/2021 ToddManuel Solids, Total Suspended 9 mg/L SM2540-D 9/3/2021 2:18:54 PM ToddManuel

NA = Not Analyzed ND = No Discharge BML = Below Minimum Level

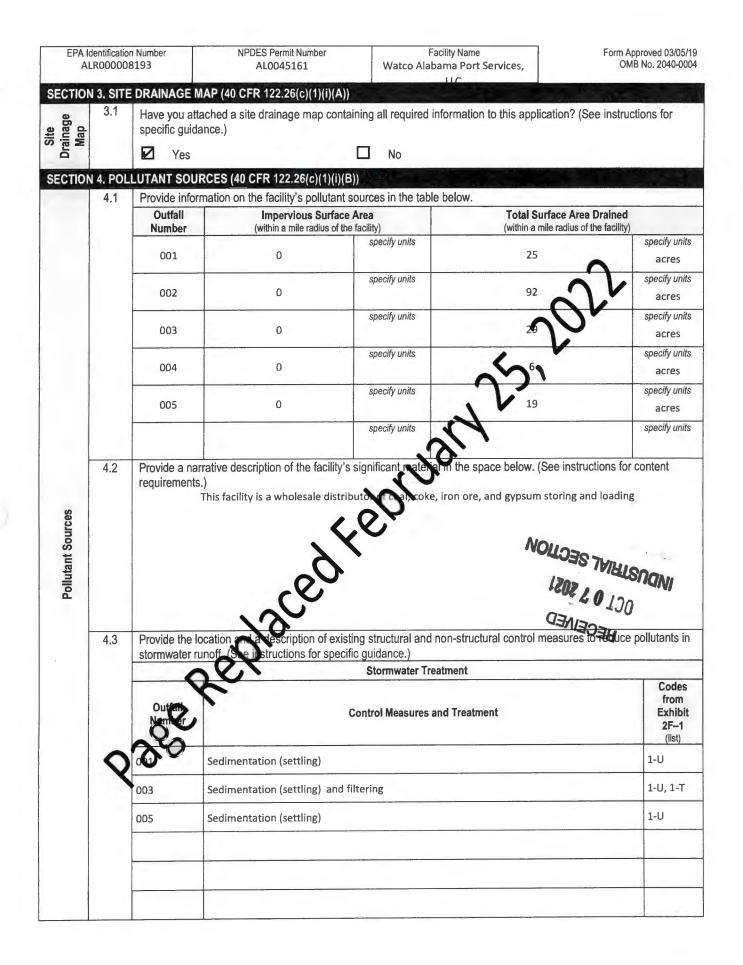


EPA Form 3510-2F (Revised 3-19)

Page 1

INDUSTRIAL SECTION

OCT 07 2021



	Identificatio	on Number 08193	NPDES Permit Number AL0045161		ility Name ma Port Services,	Form Approved 03/05 OMB No. 2040-00
FCTIO	N 5 NO	N STORMWATER	DISCHARGES (40 CFR 122.26	(c)(1)(i)(C))	uc	
	5.1	I certify under presence of no discharges are of	penalty of law that the outfall(s on-stormwater discharges. More described in either an accompan ype first and last name)	s) covered by thi eover, I certify th	hat the outfalls identified	as having non-stormwa
Jes	5.2	1	ng information requested in the	table below	1-68-61	^
Non-Stormwater Discharges	0.2	Outfall Number	Description of Testing M		Date(s) of Testing	Onsile Prainage Poin Directly Observed During Test
ormwater			N/A		2	, · · · ·
Non-St					1,2,1	
					A	
				C.	>	
				101		
CTION	N 6. SIG	NIFICANT LEAKS	OR SPILLS (40 CFR 22.26(c)	(1)(i)(D))	1000	
ts or Spills	6.1	Describe any sig The facility has no	nificant leaks or setting which or ot experienced a ni			
Leaks o			ATION (40 CFR 122.26(c)(1)(i))		RECE OCT 0 7 INDUSTRIAL	IVED
Significant Leak		8	(c)		OCT 0 7	2021
		30			STRIAL	SECTION
	See the	instructions to det	ATION (40 CFR 122.26(c)(1)(i)(ermine the pollutants and parameters need to complete each table.	Contraction of the second s		
Discharge Information	7.1	Is this a new sou	rce or new discharge? ee instructions regarding submis	sion of	No → See instructions r actual data.	regarding submission of
rge	Tables	A, B, C, and D	Uala.		auludi udla.	
scha	7.2		eted Table A for each outfall?		- 1945	
Di		Yes			No	

	wastewater? Yes 7.4 Have you cor indirectly in a Yes	subject to an effluent limitation guns npleted Table B by providing qua n ELG and/or (2) subject to efflue	V	No → SKIP to Item 7.5.	DES permit for its process
	7.4 Have you con indirectly in a Yes		Intitative data for the	No -> SKIP to Item 7.5.	
	indirectly in a		antitative data for tho		
	7.5 DU YUU KIIUW	or have reason to believe any po	ollutants in Exhibit 2F	-2 are present in the disc	charge?
	Yes			No → SKIP to Item 7.7.	
		ed all pollutants in Exhibit 2F–2 tl ntitative data or an explanation fo			esent in the discharge and
	Yes			No	\mathcal{D}^{μ}
	7.7 Do you qualify	y for a small business exemption	under the criteria sp	pecified in the Instructions	3
		SKIP to Item 7.18.	V	No	
	7.8 Do you know	or have reason to believe any po	ollutants in Exhibit 2F	-3 are precent in the disc	charge?
	Yes		V	No - SUP to Jem 7.10).
ntinued	Table C?	ed all pollutants in Exhibit 2F–3 th	hat you know or hav	e reason to believe are pr	esent in the discharge in
Cor	Yes			No.	
rmation 2	7.10 Do you expec	t any of the pollutants in Exhibit 2	2F-3 to be dischard	In concentrations of 10 No → SKIP to Item 7.12	
Discharge Information Continued		vided quantitative data in Table 0 s of 10 ppb or greater?	C for these pollutants	s in Exhibit 2F–3 that you	expect to be discharged in
schi	Yes	7		No	
A 7	7.12 Do you expect of 100 ppb or	t acrolein, acrylonitrile, 2,4-di) tro greater?	ophenol, or 2-methy		
	Yes			No → SKIP to Item 7.14	
7		vided quantitatile rata in Table C concept rate no of 100 ppb or gre			you expect to be
	Yes	187		No	
7	7.14 Have you plo discharge at c	concentrations less than 10 ppb ((or less than 100 ppt	o for the pollutants identified	o be present in the ed in Item 7.12)?
				No	
7	7.15 0 00 00 W	or have reason to believe any po	ollutants in Exhibit 2F		
	Yes Yes			No → SKIP to Item 7.1	
7	7.16 Have you liste explanation in	ed pollutants in Exhibit 2F–4 that n Table C?	you know or believe		narge and provided an
	Yes			No	
7	7.17 Have you pro	vided information for the storm e	vent(s) sampled in T	able D?	
	Yes			No	

Page 4

	Identification	on Number 08193	NPDES Permit Number AL0045161	Facility Name Watco Alabama Port S	ervices,	Form Approved 03/05 OMB No. 2040-00
-	Used o	or Manufactured Tox	kics		l,	
Discharge Information Continued	7.18		ed on Exhibits 2F–2 through 2 n intermediate or final product	or byproduct?	 SKIP to Section 	
	7.19	List the pollutants b	elow, including TCDD if applic	able.		
e Inforn		1.	4.		7.	
charge		2.	5.		8.	
Dis		3.	6.		9.	0
Biological Toxicity Testing Data	8.1	Do you have any k	TESTING DATA (40 CFR 12) nowledge or reason to believe rges or on a receiving water in	that any biological test for relation to your discharge		ee rears?
Test	8.2	Identify the tests an	d their purposes below.	-	51	
xicity		Test(s)	Purpose of		ed to NFDES g bathority?	Date Submitted
cal To	9.1			P3	🗆 No	
ologi		1		Yes	🗆 No	
ö				Yes	No No	
		consulting firm?	dr	V No ·	→ SKIP to Sectio	n 10.
	9.2	Provide information		r consulting firm below.		
		Name of laboratory/	Laboratory Nu	mber 1 Labora	tory Number 2	Laboratory Number
Contract Analysis Information		R	8			
t Analysis	0	Laborateraddress			RE	CEIVED
ontra	X	Phone number			OCT	0 7 2021
ŭ						
					mandall.	
		Pollutant(s) analyze	d		11003/	NAL SECTION

	Identificatio		PDES Permit Number AL0045161	Facility Name Watco Alabama Port Services,	Form Approved 03/05/ OMB No. 2040-000
ECTIO	N 10. CH	ECKLIST AND CERTIFI	CATION STATEMENT	40 CFR 122.22(a) and (d))	
	10.1	In Column 1 below, ma each section, specify in	rk the sections of Form 2 Column 2 any attachme	PF that you have completed and are sents that you are enclosing to alert the ns or provide attachments.	ubmitting with your application. For permitting authority. Note that no
		Column 1		Column 2	
		Section 1	w/ attachm	ents (e.g., responses for additional or	utfalls)
		Section 2	w/ attachm	ents	
		Section 3	w/ site drai	nage map	
		Section 4	w/ attachm	ents	2
		Section 5	w/ attachm	ents	2r
int	Sec	Section 6	w/ attachm	ents	<u> </u>
Checklist and Certification Statement		Section 7	Table A	w/ small business	exemption request
			Table B	w/ analytical resu	ts as an attachment
			Table C	Table D	
		Section 8	w/attachm	ents	
ist an		Section 9	w/attachm	ents (e.g., responses for additional co	ntact laboratories or firms)
heckl		Section 10	· 🗖	N/	
	10.2	accordance with a svs	of law that this document tem designed to assure y inquiry of the person of the information sub that them are significant	and all attachments were prepared us that qualified personnel properly ga r persons who manage the system or ubmitted is, to the best of my knowle penalties for submitting false information	ather and evaluate the information
		Name (print or type fin Joel Wilmoth	ano ast name)	Official title Terminal Manager	
			•	Date signed	
		Signature	R	9-28-21	

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INDUSTRIAL SECTION

	EPA Identification Number ALR000008193	NPDES Permit Number AL0045161	Facility Nam Watco Alabama Port		Outfall Number		Form Approved 03/05/19 OMB No. 2040-0004	
TAE You	BLE A. CONVENTIONAL AND NON CO must provide the results of at least one	INVENTIONAL PARAMET analysis for every pollutant	ERS (40 CFR 122.26(c in this table. Complete)(1)(i)(E)(3)) ¹ one table for each out	all. See instructions for a	dditional details and requ	lirements.	
	D	Maximum D	aily Discharge	Average D	aily Discharge		Source of	
	Pollutant or Parameter	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes		 Number of Storm Events Sampled 	(new source/new dischargers only; use codes in instructions)	
1.	Oil and grease	22						
2.	Biochemical oxygen demand (BOD ₅)	70						
3.	Chemical oxygen demand (COD)	No.	1					
4.	Total suspended solids (TSS)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2					
5.	Total phosphorus		Co.					
6.	Total Kjeldahl nitrogen (TKN)		0.			1		
7.	Total nitrogen (as N)		K					
	pH (minimum)			6.				
8.	pH (maximum)			11,				

pH (maximum) ¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved and r 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

Notes:

Outfall 001 - No Discharge Outfall 002 - No Discharge Outfall 003 - No Discharge Outfall 004 - No Discharge Outfall 005 - No Discharge



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EPA Identification Number ALR000008193	NPDES Permit Number AL0045161	Facility Nam Watco Alabama Port		Outfall Number		Form Approved 03/05/ OMB No. 2040-00
ABLE B. CERTAIN CONVENTION ist each pollutant that is limited in a acility is operating under an existing	an effluent limitation guideline (ELG) that the facility is subje	ect to or any pollutant lister	in the facility's NPDE	S permit for its process	wastewater (if the
	Maximum D (spec	aily Discharge	Average Daily (specify	Discharge		Source of Information
Pollutant and CAS Number (if a	Grab Sample Taken During First	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Number of Storm Events Sampled	(new source/new dischargers only; use codes in instructions
	Tep					
	·	Co				
		"O'A				
		- C	5-1.			
			an			
			5	S Nous		
				50	RECEV	
				ECTION	5	
				2		

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number ALR000008193	NPDES Permit Number AL0045161	Facility Nam Watco Alabama Port		Outfall Number		Form Approved 03/05 OMB No. 2040-00
ABLE C. TOXIC POLLUTANTS, CE						
st each pollutant shown in Exhibits 2 etails and requirements.	2F-2, 2F-3, and 2F-4 that you kno	ow or have reason to b	elieve is present. Complet	e one table for each o	utfall. See the instruction	s for additional
	(speci	aily Discharge fy units)	Average Daily (specify		- Number of Storm	Source of Information
Pollutant and CAS Number (if av	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Events Sampled	(new source/new dischargers only; u codes in instruction
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			1	OCT HO		
				CENTER NO 7 22		
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¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).