

## Attachment #1

**AIR PERMIT****FODLER LEVEL**

AIR PA #: JE0024D 073331

File Type: PERMITS

Volume: 001

Inclusive Dates: 1/1/2004 - 12/31/2004

**Media Code/ Form**☐ Microfiche☒ Roll Microfilm☒ Electronic Image

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Box Barcode:

September 30, 2004

Mr. A. F. Mathes, General Manager  
Onyx Environmental Services, L.L.C.  
P.O. Box 2563  
Port Arthur, Texas 77643-2563

Re: Standard Permit Number: 73331  
Pollution Control Project  
Port Arthur, Jefferson County  
Regulated Entity Number: RN102599719  
Customer Reference Number: CN600130835

Dear Mr. Mathes:

On August 31, 2004, our office received your Standard Permit Registration (Air Quality Standard Permit) Form PI-1-S pertaining to a pollution control project at your facility located at 7665 Highway 73 in Port Arthur, Jefferson County. The emissions represented for the emission point are included on the attached "Standard Permit Maximum Emission Rates Table."

After evaluation of the information which you have submitted, we have determined that your proposed project meets the requirements for a Pollution Control Project standard permit if constructed and operated as described in your registration. This standard permit was authorized by the Commissioners pursuant to Title 30 Texas Administrative Code § 116.617. A copy of the standard permit in effect at the time of this registration is enclosed. You must operate in accordance with all requirements of the enclosed standard permit rule.

The Texas Commission on Environmental Quality (TCEQ) and the U.S. Environmental Protection Agency remind you that operation of the facility must comply with all rules and regulations, including the enclosed standard permit, at all times.

All future correspondence for the referenced facility or site should include the Regulated Entity Number (RN), Customer Reference Number (CN), and Permit Number noted in this document. The RN replaces the TCEQ Account Number for the facility (if portable) or site (if permanent) and the CN is a unique number associated with a company or corporation and assigned to all facilities it owns or operates.

get John to sign off  
on public TRV

print for public folder

print copy TRV &  
put in folder

TCEQ  
CENTRAL FILE ROOM

APR 11 2005

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Mr. A. F. Mathes, General Manager

Page 2

September 30, 2004

Re: Standard Permit Number: 73331

We appreciate your cooperation in this matter and welcome any questions. Please contact Ms. Stephanie Bailey at (512) 239-1664 by telephone or write to the Texas Commission on Environmental Quality, Office of Permitting, Remediation, and Registration, Air Permits Division (MC-163), P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

Anne M. Inman, Manager  
General/Standard/Rule (GSR) Permit Section  
Air Permits Division  
Texas Commission on Environmental Quality

AMI/SJB/bvg

Enclosures

cc: Ms. Jennifer Geran, Cook Joyce Engineering Consultants, Inc., Austin  
Mr. Stuart Mueller, Air Section Manager, Region 10 - Beaumont

Project Number: 109885

09/14/2004 ----- NSR PERMITS IMS- PROJECT RECORD -----

PROJECT#: 109885      PERMIT#: 73331      STATUS: P      DISP CODE: \_\_\_\_\_  
RECEIVED: 08/31/2004      PROJTYPE: JRVW      RENEWAL:      ISSUED DATE: \_\_\_\_\_  
FEE DATE:      FEE AMT: \$ 900      STDY1/SP: 6001      SUP-DISP DATE: \_\_\_\_\_

GROUP: PAR

PAR1\_2 : BOWERS, JOHNNY

GROUP: ART

TECHENGR : BAILEY, STEPHANIE

**ADMIN REVIEW**

A - PAR RECEIVED :      08/31/2004      A - PAR TRANSFER TO APD :      09/14/2004      A - CENTRAL REGISTRY  
UPDATED :      09/14/2004

ISSUED TO: ONYX ENVIRONMENTAL SERVICES LLC  
COMPANY NAME: ONYX ENVIRONMENTAL SERVICES LLC  
CUSTOMER REGISTRY ID: CN600130835

**PRIMARY CONTACT INFORMATION**

CONTACT TYPE: RESPONSIBLE OFFICIAL

NAME: MR AF MATHES

TITLE: GENERAL MANAGER

PHONE: 409-736-2821 ext

FAX: 409-736-1636 ext

STREET: PO BOX 2563

CITY/STATE, ZIP: PORT ARTHUR, TX , 77643-2563

**PROJECT INFORMATION**

UNIT: NEW EMISSION CONTROL METHOD FOR REMOVING MERCURY FROM EXHAUST GASES OF THE HAZ WASTE INCINERATOR

SIC: 4953

REGION: 10

ACCOUNT: JE0024D

REG ENTITY ID: RN102599719

SITE NAME: ONYX ENVIRONMENTAL SERVICES PORT ARTHUR

COUNTY: JEFFERSON

CAPUNITS:

UNITTYPE:

CAPACITY:

CITY: PORT ARTHUR

LOCATION: 7665 HWY 73

**PUBLIC NOTICE**

PUBLIC NOTICE REQUIRED?:

PN1 ALT LANGUAGE: NO

PN2 ALT LANGUAGE: NO

**EMISSION  
RATES**

TONS/YR REDUCTION	NOX	CO	VOC	PM	SO2	OTHER	TOTAL
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SEP 15 2004

**PROJECT NOTES**

ADMINISTRATIVE: CHECK #009472. SOS 704902623.

E501109

AIR PERMITS DIVISION

9/9/04

**TECHNICAL ACTIVITY HISTORY**TR - ENGINEER RECEIVE 9/23  
PROJECT :

FA - PROJECT ISSUED :

SUP - RECEIVED FROM PAR :

TR - PROJECT TO ADMIN :

TR - SUP/MANGR APP/RVW  
RQSTD :

TR - DEFICIENCY CYCLE :

TR - INITIAL REVIEW  
COMPLETE :

TR - PEER REVIEW :

**PROJECT ATTRIBUTES****PROJECT LINK**

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AUG 31 2004



Air &amp; Waste Applications Team

**Texas Commission on Environmental Quality**  
**Registration for Air Standard Permit**  
**Form PI-1S**

**CONFIDENTIAL****I. REGISTRANT INFORMATION**

A. Is a TCEQ Core Data Form (TCEQ Form No. 10400) attached? ☐ YES ☒ NO If "NO," please indicate the following

TCEQ Customer Reference Number CN - 600130835 TCEQ Regulated Entity Number: RN - 102599719

B. Company or Other Legal Customer Name (must be same as Core Data "Customer"): Onyx Environmental Services, LLC

Company Official Contact Name: A. F. Mathes

Title: General Manager

Mailing Address: P.O. Box 2563

City: Port Arthur

State: Texas

Zip Code: 77643-2563

Phone: 409-736-2821

Fax: 409-736-1636

E-mail: amathes@onyxes.com

C. Technical Contact Name: Daniel J. Duncan

Title: Environmental, Health & Safety Manager

Company: Onyx Environmental Services, LLC

Mailing Address: P.O. Box 2563

City: Port Arthur

State: Texas

Zip Code: 77643-2563

Phone: 409-736-4146

Fax: 409-736-1636

E-mail: dduncan@onyxes.com

D. Facility Location Information

Street Address: 7665 Highway 73

If no street address, provide written driving directions to the site: (attach description if additional space is needed)

3.5 miles of Taylor Bayou, State Highway 73

City: Port Arthur

County: Jefferson

Zip Code: 77640

**II. FACILITY AND SITE INFORMATION**

A. Name and Type of Facility: Waste Management

☒ PERMANENT

☐ PORTABLE

B. Type of Action: ☒ Initial Application

☐ Change to Registration

☐ Renewal

C. Standard Permit claimed (check one):

☒ 6001 Pollution Control Project

☐ 6005 Electric Generating Facilities

☐ 6003 MSW Landfill

☐ 6002 Oil & Gas Facilities

☐ 6007 Asphalt Concrete Plants

D. Are you registering a grandfathered facility?

☐ YES ☒ NO

E. Is there a previous Standard Exemption or Permit by Rule for the facilities in this registration? (Attach details regarding changes)

☐ YES ☒ NO

If "YES," list Registration No.:

If "YES," list Rule No.:

F. Are there any other facilities at this site which are authorized by an air Standard Permit?

☐ YES ☒ NO

If "YES," list Permit No.:

G. Are there any other air preconstruction permits at this site?

☒ YES ☐ NO

If "YES," list Permit Nos.: 42450

H. Is this site required to obtain an air federal operating permit?

☒ YES ☐ NO

If "YES," list Permit Nos.: 01509

I. TCEQ Account Identification Number (if known): JE-0024-D

**III. FEE INFORMATION**

Check/Money Order/Transaction No.:

Name on Check: Onyx Env. Svcs

Fee Amount: \$900.00



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Air &amp; Waste Applications Team

Texas Commission on Environmental Quality  
Registration for Standard Permit  
Form PI-1S

CONFIDENTIAL

## IV. TECHNICAL INFORMATION INCLUDING STATE AND FEDERAL REGULATORY REQUIREMENTS

*Registrants must be in compliance with all applicable state and federal regulations and standards to claim a Standard Permit.*

- A. Is confidential information submitted and properly marked with this registration? ☒ YES ☐ NO
- B. Is a process flow diagram or a process description attached? ☒ YES ☐ NO
- C. Is a plot plan attached? ☒ YES ☐ NO
- D. Are emissions data and calculations for this claim attached, *Table 1(a) preferred*? ☒ YES ☐ NO
- E. Is information attached showing how the **general** requirements and **applicability** (30 TAC § 116.610 and 116.615) are met? ☒ YES ☐ NO
- F. Is information attached showing how the **specific** requirements are met? ☒ YES ☐ NO

## V. SIGNATURE REQUIREMENTS

*If this project has a capital cost of more than \$2,000,000.00, this application must be submitted under seal of a Registered Texas Professional Engineer (P.E.) or the appropriate exemption is claimed pursuant to the Texas Engineering Practice Act.*

The signature below indicates that I have knowledge of the facts herein set forth and that the same are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7, Texas Clean Air Act (TCAA), as amended, or any of the air quality rules and regulations of the Texas Natural Resource Conservation Commission or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I have read and understand TWC §§ 7.177-7.183, which defines **CRIMINAL OFFENSES** for certain violations, including intentionally or knowingly making or causing to be made false material statements or representations in this application, and TWC §§ 7.187, pertaining to **CRIMINAL PENALTIES**.

PRINT NAME: A. F. Mathes

SIGNATURE: *A. F. Mathes*DATE: *Aug 30/04***NOTE - ORIGINAL SIGNATURE IN INK IS REQUIRED.**

## VI. COPIES OF THE REGISTRATION - Copies must be sent as listed below. Processing delays will occur if copies are not sent as noted.

Who	Where	What
Permits Administrative Review (PAR) Section, TCEQ	<b>Regular, Certified, Priority Mail</b> MC 161, P.O. Box 13087, Austin, Texas 78711-3087 <b>Hand Delivery, Overnight Mail</b> MC 161, 12100 Park 35 Circle, Building F, First Floor, Room 1206, Austin, Texas 78753 (512) 239- 5160	Originals - Form PI-1S, Core Data Form; all attachments
Revenue Section, TCEQ	<b>Regular, Certified, Priority Mail</b> MC 214, P.O. Box 13088, Austin, Texas 78711-3088 <b>Hand Delivery, Overnight Mail</b> MC 214, 12100 Park 35 Circle, Building A, Third Floor, Austin, Texas 78753	Original Money Order or Check Copy of Form PI-1S and Core Data Form
Appropriate TCEQ regional office	To find your regional office address, go to the TCEQ Web site at <a href="http://www.tnrcc.state.tx.us">www.tnrcc.state.tx.us</a> , or call (512) 239-1250	Copy of Form PI-1S, Core Data Form, and all attachments
Appropriate local air pollution control program(s)	To find your local air pollution control programs go to the TCEQ, APD Web site at <a href="http://www.tnrcc.state.tx.us/permitting/airperm">www.tnrcc.state.tx.us/permitting/airperm</a> , or call (512) 239-1250	Copy of Form PI-1S, Core Data Form, and all attachments



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AUG 31 2004

Air & Waste Applications Team

HAND DELIVERED

4:00 P.M.

P. MARTIN

August 30, 2004

VIA HAND DELIVERY

Mr. Don Nelon  
Texas Commission on Environmental Quality  
Air and Waste Applications Team  
Permits Administrative Review Section  
Registration, Review and Reporting Division, MC-161  
P.O. Box 13087  
Austin, Texas 78711-3087

Re: Onyx Environmental Services, LLC – Port Arthur Facility  
Account No. JE-0024-D  
CN: 600130835, RN: 102599719  
Standard Permit Registration

Dear Mr. Nelon:

This letter is to inform you that we are submitting a standard permit registration package for a new emission control method for removing mercury from the exhaust gases of the hazardous waste incinerator at our facility located in Port Arthur, Texas. The new process meets the requirements of the Standard Permit for Pollution Control Projects (30 TAC 116.617). The registration package is being submitted as confidential information under a separate cover letter because the new process constitutes proprietary information, disclosure of which could compromise our competitive advantage. If possible, we would like Adam Talianchich of the Air Permits division to review this registration request, since he is already familiar with the operations at the Port Arthur facility and he is the permit reviewer for our NSR permit (Permit No. 42450).

If you have any questions, please contact me at (409) 736-4141 or Jennifer M. Geran, P.E. with Cook-Joyce, Inc. at (512) 474-9097.

Sincerely,

Onyx Environmental Services, L.L.C.

A. F. Mathes  
General Manager

NON -

CONFIDENTIAL

ONYX102038/AUG 04 STANDARD PERMIT  
mercuryL040819\_NELON



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AUG 30 2004

Air & Waste Applications Team

Mr. Don Nelon  
30 August 2004  
Page 2

DJD:jg

cc: Mr. Stuart Mueller, Air Program Manager, Region 10, Beaumont  
Harold Byerly, Onyx Environmental Services, LLC – Port Arthur  
Steve Cook, P.E., Cook-Joyce, Inc.  
Kathy McGee, P.E., Cook-Joyce, Inc.  
Jennifer Geran, P.E., Cook-Joyce, Inc.  
Central Records, Onyx Environmental Services, LLC – Port Arthur

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