



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pEEM0311232278

NM1 - 10

JFJ LANDFARM LLC

8/21/2015

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator S & G Interest
2. Management Facility Destination JFJ Landfarm L.L.C.	5. Originating Site Navajo TI F #128 Navajo TI F # 101
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) NM, Sec 4, T31, R17W	8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	



BRIEF DESCRIPTION OF MATERIAL:

Cement waste and fluid sediments from plugging operations

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: Manager DATE: 3/04/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery

Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Hart Oil and Gas Inc. P.O. Box 307 Farmington, NM 87499	2. Destination Name: J.F.J. Landfarm c/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410
3. Originating Site (name): Navajo TI "F" #128 Navajo TI "F" #101	Location of the Waste (Street address &/or ULSTR): NM, Section 4, T31N, R17W, San Juan County, NM NM, Section 4, T31N, R17W, San Juan County, NM
attach list of originating sites as appropriate	
4. Source and Description of Waste Cement waste and fluid sediments from plugging operations.	



I, Christopher W. Clark representative for A-Plus Well Service Inc. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is:
(Check appropriate classification)

☒ **EXEMPT** oilfield waste

☐ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Chris W. Clark

Title: V.P. Operations

Date: 03/04/04

1625 N. French Dr., Hobbs, NM 88240
District II
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1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED State of New Mexico
Energy Minerals and Natural Resources
NOV 01 2004 Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>DGF 10/28/04</i>	4. Generator Universal Compression 5. Originating Site 3440 Morningstar Drive - Farmington NM 6. Transporter: Industrial Ecosystems Inc 8. State: NM
2. Management Facility Destination: JFJ Landfarm L.L.C. 3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	
7. Location of Material (Street Address or ULSTR) 3440 Morningstar Drive - Farmington NM 87401	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Pit sludge

Estimated Volume 6886 Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE James Hatcher TITLE: Manager DATE: _____
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Deputy TITLE: Enviro/Eng DATE: 10/28/04
APPROVED BY: Ed Martin TITLE: ENVIRO. ENGR. DATE: 11/2/04

District I
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Energy Minerals and Natural Resources

Oil Conservation Division
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Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>DGF 10/28/04</i>	4. Generator Universal Compression 5. Originating Site 3440 Morningstar Drive - Farmington NM
2. Management Facility Destination: JFJ Landfarm L.L.C.	6. Transporter: Industrial Ecosystems Inc
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	8. State: NM
7. Location of Material (Street Address or ULSTR) 3440 Morningstar Drive - Farmington NM 87401	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input checked="" type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:
Pit sludge

Estimated Volume 6880 Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE James Hatcher TITLE: Manager DATE: _____
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Wendy Zent TITLE: Enviro/ Engr DATE: 10/28/04
APPROVED BY: _____ TITLE: _____ DATE: _____

Hall Environmental Analysis Laboratory

Date: 27-Oct-04

CLIENT: Industrial Ecosystems
Lab Order: 0410120
Project: Universal Compression
Lab ID: 0410120-01

Client Sample ID: Pit Sludge
Collection Date: 9/30/2004 12:30:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILES, TCLP LEACHED						Analyst: BDH
Benzene	ND	0.50		mg/L	1	10/15/2004
2-Butanone	ND	200		mg/L	1	10/15/2004
Carbon Tetrachloride	ND	0.50		mg/L	1	10/15/2004
Chlorobenzene	ND	100		mg/L	1	10/15/2004
Chloroform	ND	6.0		mg/L	1	10/15/2004
1,4-Dichlorobenzene	ND	7.5		mg/L	1	10/15/2004
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	10/15/2004
1,1-Dichloroethene	ND	0.70		mg/L	1	10/15/2004
Hexachlorobutadiene	ND	0.50		mg/L	1	10/15/2004
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	10/15/2004
Trichloroethene (TCE)	ND	0.50		mg/L	1	10/15/2004
Vinyl chloride	ND	0.20		mg/L	1	10/15/2004
Sum: 1,2-Dichloroethane-d4	103	70-130		%REC	1	10/15/2004
Sum: 4-Bromofluorobenzene	100	70-130		%REC	1	10/15/2004
Sum: Dibromofluoromethane	102	70-130		%REC	1	10/15/2004
Sum: Toluene-d8	102	70-130		%REC	1	10/15/2004
EPA METHOD 8270C TCLP						Analyst: GAB
2,4-Dinitrotoluene	ND	0.13		mg/L	1	10/25/2004
Hexachlorobenzene	ND	0.13		mg/L	1	10/25/2004
Hexachlorobutadiene	ND	0.50		mg/L	1	10/25/2004
Hexachloroethane	ND	3.0		mg/L	1	10/25/2004
Nitrobenzene	ND	2.0		mg/L	1	10/25/2004
Pentachlorophenol	ND	100		mg/L	1	10/25/2004
Pyridine	ND	5.0		mg/L	1	10/25/2004
2,4,5-Trichlorophenol	ND	400		mg/L	1	10/25/2004
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	10/25/2004
Cresols, Total	ND	200		mg/L	1	10/25/2004
Sum: 2,4,6-Tribromophenol	122	20.9-128		%REC	1	10/25/2004
Sum: 2-Fluorobiphenyl	105	18.3-119		%REC	1	10/25/2004
Sum: 2-Fluorophenol	92.4	16.6-101		%REC	1	10/25/2004
Sum: 4-Terphenyl-d14	117	32.3-135		%REC	1	10/25/2004
Sum: Nitrobenzene-d5	105	22.6-117		%REC	1	10/25/2004
Sum: Phenol-d6	72.3	8-77.8		%REC	1	10/25/2004
MERCURY, TCLP LEACHED						Analyst: CMC
Mercury	ND	0.020		mg/L	1	10/19/2004
EPA METHOD 6010C: TCLP METALS						Analyst: NMO
Arsenic	ND	5.0		mg/L	1	10/20/2004 9:14:58 AM
Barium	ND	100		mg/L	1	10/20/2004 9:14:58 AM
Cadmium	ND	1.0		mg/L	1	10/20/2004 9:14:58 AM

Qualifiers: ND - Not Detected in Report Limit
 J - Analyte detected below quantitation limit
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Recovery outside acceptable recovery limits
 R - Recovery outside acceptable recovery limits
 E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 27-Oct-04

CLIENT: Industrial Ecosystems
Lab Order: 0410120
Project: Universal Compression
Lab ID: 0410120-01

Client Sample ID: Pit Sludge
Collection Date: 9/30/2004 12:30:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Chromium	ND	5.0		mg/L	1	10/20/2004 9:14:58 AM
Lead	ND	5.0		mg/L	1	10/20/2004 9:14:58 AM
Selenium	ND	1.0		mg/L	1	10/20/2004 9:14:58 AM
Silver	ND	5.0		mg/L	1	10/20/2004 9:14:58 AM

Qualifiers:

ND - Not Detected to Reporting Limit

J - Analyte detected below quantitation limit

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

Sp - Recovery outside accepted recovery limits

I - RI outside accepted recovery limits

E - Value above quantitation range



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanne Prukop
Cabinet Secretary

Lori Wrotenberg
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Universal Compression 3440 Morningstar Drive Farmington NM 87401	2. Destination Name: J.F.J. Landfarm C/O Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410
3. Originating Site (name): 3440 Morningstar Drive Farmington NM 87401	Location of the Waste (Street address &/or ULSTR): <u>3440 Morningstar Drive</u> <u>Farmington, NM 87401</u>
4. Source and Description of Waste Pit sludge	

I, Douglas N. Clapper representative for:
Print Name

Universal Compression do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☐ EXEMPT oilfield waste
characteristic

☒ NON-EXEMPT oilfield waste which is non-hazardous by
analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☒ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Douglas N. Clapper

Title: Lead Mechanic

Date: 10-28-04



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

January 24, 2005

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

Mr. Timothy Kinney
Giant Industries Arizona, Inc.
5764 Highway 64
Farmington, NM 87401

Re: \$25,000 Waste Management Facility Bond
Waste Management Facility Permit # NM-02-0010
Giant Mid-Continent, Inc.
St. Paul Fire and Marine Insurance Co.
NW/4 SE/4 of Section 16, Township 25 North, Range 12 West, NMPM,
San Juan County, New Mexico
Bond # TD8184

Dear Mr. Kinney:

The New Mexico Oil Conservation Division hereby approves the above-referenced Waste Management Facility Bond.

Sincerely,

David K. Brooks
Assistant General Counsel

DKB:eem

Enclosure: Copy of bond

cc: Aztec OCD Office



Energy, Minerals and Natural Resources Department
Oil Conservation Division
Surety Bond For Waste Management Facilities
(File with Oil Conservation Division, 4220 S. Saint Francis, Santa Fe, New Mexico 87505)

OCT 12 2004

OIL CONSERVATION
DIVISION**BOND NO. TD8184**
(For Surety Company Use)

KNOW ALL MEN BY THESE PRESENTS:

That Giant Mid-Continent, Inc., (an individual, partnership, or a corporation organized in the State of Arizona, with its principal office in the City of Scottsdale, State of Arizona, and authorized to do business in the State of New Mexico), as PRINCIPAL, and St. Paul Fire and Marine Insurance Company, a corporation organized and existing under the laws of the State of Minnesota and authorized to do business in the State of New Mexico as SURETY, are held firmly bound unto the State of New Mexico, for the use and benefit of the Oil Conservation Division of the Energy, Minerals and Natural Resources Department (the "Division") pursuant to NMSA 1978, Section 70-2-12 as amended, in the sum of Twenty Five Thousand and no/100ths (\$25,000.00) Dollars for the payment of which PRINCIPAL and SURETY hereby bind themselves, their successors and assigns, jointly and severally.

The conditions of this obligation are such that:

WHEREAS, the above PRINCIPAL has heretofore or may hereafter enter into the collection, disposal, evaporation, remediation, reclamation, treatment or storage of produced water, drilling fluids, drill cuttings, completion fluids, contaminated soils, BS&W, tank bottoms, waste oil and/or other oil field related waste in Section 16, Township 25N, Range 12W, NMPM, San Juan County, New Mexico.

NOW, THEREFORE, this \$25,000.00 performance bond is conditioned upon substantial compliance with all applicable statutes of the State of New Mexico and all rules and orders of the Oil Conservation Commission and the Division. Upon clean-up of the facility site to standards of the Division, the Division will release this bond; otherwise, the principal amount of the bond is to be forfeited to the State of New Mexico.

Signed and sealed this 28th day of September, 2004.EFFECTIVE DATE: November 21, 2004Giant Mid-Continent, Inc.
PRINCIPAL23733 N. Scottsdale Road, Scottsdale, AZ 85255

Mailing Address

By

Signature

Title

St. Paul Fire and Marine Insurance Company
SURETY2401 W. Peoria Avenue #104, Phoenix, AZ 85029

Mailing Address

By

David G. Jensen Attorney-in-Fact

Note: If Principal is a corporation, affix corporate seal here.

Note: If corporate surety, affix corporate seal here.

ACKNOWLEDGMENT FORM FOR NATURAL PERSONS

STATE OF _____)
)SS.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 2____, by

My commission expires:

Date

Notary Public

ACKNOWLEDGMENT FORM FOR A CORPORATION, INCORPORATED ASSOCIATION OR PARTNERSHIP

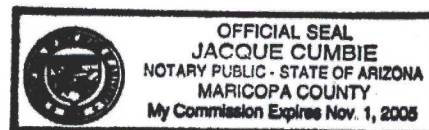
STATE OF Arizona)
)SS.
COUNTY OF Maricopa)

The foregoing instrument was acknowledged before me this 6th day of October, 2004, by
Mark B. Cox as (title) CFO
of Giant Mid. Continent, Inc., a corporation,
incorporated association, or partnership.

My commission expires:

Nov. 1, 2005
Date

Notary Public



Jacques Cumbie

STATE OF ARIZONA
COUNTY OF MARICOPA

On this 28th day of September, 2004, before me, Maryann Carafello, a Notary Public in and for said Maricopa County, State aforesaid, residing therein, duly commissioned and sworn, personally appeared David G. Jensen know to me to be the person whose name is subscribed to the within instrument as the attorney in fact of St. Paul Fire and Marine Insurance Company, thereto as surety, and his own as attorney-in-fact.

In witness whereof, I have hereunto set my hand and affixed my official seal.

Maryann Carafello

My Commission Expires: 12-31-07



Seaboard Surety Company
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company

United States Fidelity and Guaranty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.

Power of Attorney No. 22843

Certificate No. 1534922

KNOW ALL MEN BY THESE PRESENTS: That Seaboard Surety Company is a corporation duly organized under the laws of the State of New York, and that St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, and that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, and that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc. is a corporation duly organized under the laws of the State of Wisconsin (*herein collectively called the "Companies"*), and that the Companies do hereby make, constitute and appoint

Maryann Carafello, Michael C. Metzger, Thomas O. Wilder, Terry Crull, David G. Jensen and Brandy L. Baich

of the City of Phoenix, State Arizona, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign its name as surety to, and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.


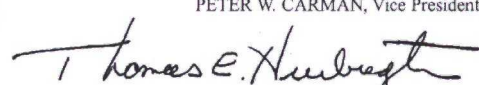
IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and sealed this 21st day of February, 2003.

Seaboard Surety Company
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company

United States Fidelity and Guaranty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.



State of Maryland
City of Baltimore



PETER W. CARMAN, Vice President

THOMAS E. HUIBREGTSE, Assistant Secretary

On this 21st day of February, 2003, before me, the undersigned officer, personally appeared Peter W. Carman and Thomas E. Huibregtse, who acknowledged themselves to be the Vice President and Assistant Secretary, respectively, of Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, United States Fidelity and Guaranty Company, Fidelity and Guaranty Insurance Company, and Fidelity and Guaranty Insurance Underwriters, Inc.; and that the seals affixed to the foregoing instrument are the corporate seals of said Companies; and that they, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing the names of the corporations by themselves as duly authorized officers.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the 1st day of July, 2006.





REBECCA EASLEY-ONOKALA, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, United States Fidelity and Guaranty Company, Fidelity and Guaranty Insurance Company, and Fidelity and Guaranty Insurance Underwriters, Inc. on September 2, 1998, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that in connection with the fidelity and surety insurance business of the Company, all bonds, undertakings, contracts and other instruments relating to said business may be signed, executed, and acknowledged by persons or entities appointed as Attorney(s)-in-Fact pursuant to a Power of Attorney issued in accordance with these resolutions. Said Power(s) of Attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman, or the President, or any Vice President, or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the foregoing officers and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Attorney(s)-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and subject to any limitations set forth therein, any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company, and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is validly attached; and

RESOLVED FURTHER, that Attorney(s)-in-Fact shall have the power and authority, and, in any case, subject to the terms and limitations of the Power of Attorney issued them, to execute and deliver on behalf of the Company and to attach the seal of the Company to any and all bonds and undertakings, and other writings obligatory in the nature thereof, and any such instrument executed by such Attorney(s)-in-Fact shall be as binding upon the Company as if signed by an Executive Officer and sealed and attested to by the Secretary of the Company.

I, Thomas E. Huibregtse, Assistant Secretary of Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, United States Fidelity and Guaranty Company, Fidelity and Guaranty Insurance Company, and Fidelity and Guaranty Insurance Underwriters, Inc. do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I hereunto set my hand this

28th day of September 2004



Thomas E. Huibregtse

Thomas E. Huibregtse, Assistant Secretary

To verify the authenticity of this Power of Attorney, call 1-800-421-3880 and ask for the Power of Attorney clerk. Please refer to the Power of Attorney number, the above-named individuals and the details of the bond to which the power is attached.

THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Form C-138
Revised June 10, 2003

Submit Original
Plus 1 Copy
to Appropriate
District Office

OIL CONSERVATION
DIVISION
REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Generator Giant Transportation
2. Management Facility Destination Giant Mid-Continent, Inc. Land Farm T25N R12W Sec. 16	5. Originating Site Lybrook Station T23N R7w Sec. 15
3. Address of Facility Operator 111 CR 4990, Bloomfield, NM 87413	6. Transporter Giant Transportation
7. Location of Material (Street Address or ULSTR) Lybrook Station T23N R7w Sec. 15	8. State NM
9. <u>Circle One</u> : <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Heater treater maintenance, cleaning. Non-exempt.



Estimated Volume 8-10 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE [Signature] TITLE: Safety and Environmental Manager DATE: 5/9/05
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Bill Robertson TELEPHONE NO. (505) 632-4077

E-MAIL ADDRESS brobertson@giant.com

(This space for State Use)

APPROVED BY: [Signature] TITLE: Enviro/Engr DATE: 5/10/05
APPROVED BY: [Signature] TITLE: ENVIRO ENGR. DATE: 5-16-05

Note sign C-117A, Giant will need a copy

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-117 A
Revised June 10, 2003

Submit 5 Copies to
Appropriate District Office

PERMIT NO. _____

TANK CLEANING, SEDIMENT OIL REMOVAL, TRANSPORTATION OF MISCELLANEOUS HYDROCARBONS AND DISPOSAL PERMIT

Operator or Owner Giant Transportation Address 111 CR 4990, Bloomfield, NM 87413

Lease or Facility Name Lybrook Station Location T23N R7W Sec. 15
U.L. - Sec. - Twp. - Rge.

OPERATION TO BE PERFORMED:

☒ Tank Cleaning ☒ Sediment Oil Removal ☐ Transportation of Miscellaneous Hydrocarbons

Operator or Owner Representative authorizing work Giant Transportation

Date Work to be Performed 5/15/05

TANK CLEANING DATA Tank Number _____ Volume _____

Tank Type Heater treater

Volume Below Load Line _____

SEDIMENT OIL OR MISCELLANEOUS HYDROCARBON DATA

Sediment Oil from: ☐ Pit ☐ Cellar ☒ Other

MISCELLANEOUS OIL

Tank Bottoms From: ☒ Pipeline Station ☐ Crude Terminal ☐ Refinery ☐ Other*

Catchings From: ☐ Gasoline Plant ☐ Gathering Lines ☐ Salt Water Disposal System ☐ Other*

☐ Pipeline Break Oil or Spill

*Other (Explain) Heater treater maintenance, cleaning. Non-exempt.

VOLUME AND DESTINATION: Estimated Volume 8-10 Bbls. Field test volume of good oil _____ Bbls.
(Not required prior to Division approval)

Destination (Name and Location of treating plant or other facility) Giant Mid-Continent, Inc. Land Farm, T25N R12W Sec. 16

DESTRUCTION OF SEDIMENT OIL BY: ☐ Burning ☐ Pit Disposal ☐ Use on Roads or firewalls ☐ Other

(Explain) _____

Location of Destruction _____

Justification of Destruction _____

CERTIFICATION: (APPLICATION MAY BE MADE BY EITHER OF THE FOLLOWING)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Owner <u>Giant Transportation</u>	Transporter <u>Giant Transportation</u>
By <u>Bill Robertson</u>	Address <u>111 CR 4990, Bloomfield, NM 87413</u>
Title <u>Safety and Environmental Manager</u>	Signature <u>Bill Robertson</u>
E-mail Address <u>brobertson@giant.com</u>	E-mail Address <u>brobertson@giant.com</u>
Date <u>5/9/05</u>	Title <u>Safety and Environmental Manager</u> Date <u>5/9/05</u>

OIL CONSERVATION DIVISION

Approved By Ed Martin Title Enviro. ENGR. Date 5-16-05

A COPY OF THIS FORM MUST BE ON LOCATION DURING TANK CLEANING, REMOVAL OF SEDIMENT OIL OR MISCELLANEOUS HYDROCARBONS, AND MUST BE PRESENTED WITH TANK BOTTOMS, SEDIMENT OIL OR MISCELLANEOUS HYDROCARBONS AT THE TREATING PLANT TO WHICH IT IS DELIVERED.

DISTRIBUTION BY OCD

Santa Fe

File

Operator

Transporter (2)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised June 10, 2003

Submit Original
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to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Generator Giant Transportation
2. Management Facility Destination Giant Mid-Continent, Inc. Land Farm T25N R12W Sec. 16	5. Originating Site Lybrook Station T23N R7w Sec. 15
3. Address of Facility Operator 111 CR 4990, Bloomfield, NM 87413	6. Transporter Giant Transportation
7. Location of Material (Street Address or ULSTR) Lybrook Station T23N R7w Sec. 15	8. State NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Heater treater maintenance, cleaning. Non-exempt.

Estimated Volume 8-10 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE *Bill Robertson* TITLE: Safety and Environmental Manager DATE: 5/9/05
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Bill Robertson TELEPHONE NO. (505) 632-4077

E-MAIL ADDRESS brobertson@giant.com

(This space for State Use)

APPROVED BY: *Denny Kent* TITLE: Enviro/Engl DATE: 5/10/05
APPROVED BY: _____ TITLE: _____ DATE: _____

District I
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: X Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Generator: Giant Industries, Inc.
2. Management Facility Destination: Giant Industries, Inc. Mid Continent land farm	5. Originating Site Giant Industries, Inc. Bloomfield
3. Address of Facility Operator 111 county rd 4990 Bloomfield	6. Transporter Giant Industries, Inc.
7. Location of Material (Street Address or ULSTR) 11 county road 4990 Bloomfield	8. State NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Approximately 4 cubic yards of Diesel contaminated soil from routine clean-up around diesel dispensing area at Giant Industries, Inc. Bloomfield terminal.

Bill Robertson has signed both documents permit requires signature from two individuals.
Estimated Volume 4 cy Known Volume (to be entered by the operator at the end of the haul) 4 cy

SIGNATURE Bill Robertson TITLE: Safety & Environmental Manager DATE: 04/06/05
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Bill Robertson TELEPHONE NO. 505-632-4077

E-MAIL ADDRESS

(This space for State Use)

APPROVED BY: Denny Fort TITLE: Enviro/Engr DATE: 4/06/05
APPROVED BY: Ed Martin TITLE: Enviro. ENGR DATE: 4-12-05

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: X Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Generator Giant Industries, Inc.
2. Management Facility Destination : Giant Industries, Inc. Mid Continent land farm	5. Originating Site Giant Industries, Inc. Bloomfield
3. Address of Facility Operator 111 county rd 4990 Bloomfield	6. Transporter Giant Industries, Inc.
7. Location of Material (Street Address or ULSTR) 11 county road 4990 Bloomfield	8. State NM'
9. <u>Circle One</u> : A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	NM

BRIEF DESCRIPTION OF MATERIAL:

Approximately 4 cubic-yards of Diesel contaminated soil from routine clean up around diesel dispensing area at Giant Industries, Inc. Bloomfield terminal.

Estimated Volume 4 cy Known Volume (to be entered by the operator at the end of the haul) 4 cy

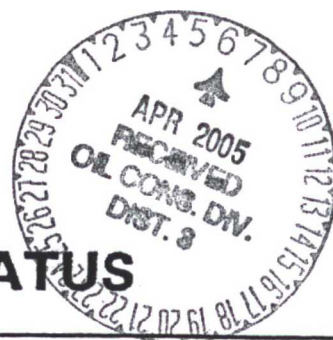
SIGNATURE Bill Robertson TITLE: Safety & Environmental Manager DATE: 04/06/05
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Bill Robertson TELEPHONE NO. 505-632-4077

E-MAIL ADDRESS _____

(This space for State Use)

APPROVED BY: Denny Fent TITLE: Enviro/Engr DATE: 4/06/05
APPROVED BY: _____ TITLE: _____ DATE: _____



CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: <u>GIANT INDUSTRIES</u>	2. Destination Name: <u>GIANT INDUSTRIES.</u> <u>MID-CONT LAND FARM</u>
3. Originating Site (name): <u>GIANT INDUSTRIES FUEL TERMINAL.</u> <u>111 COUNTY ROAD 4990 BLOOMFIELD N.M.</u> <small>Attach list of originating sites as appropriate</small>	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste <u>DIESEL CONTAMINATED SOIL FROM GENERAL CLEAN-UP</u> <u>AT FUEL ISLAND</u>	

I, BILL ROBERTSON representative for:
(Print Name)
GIANT INDUSTRIES BLOOMFIELD N.M. do hereby certify that,
according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described waste is: (Check appropriate classification)

☐ EXEMPT oilfield waste ☒ NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For **NON-EXEMPT** waste only the following documentation is attached (check appropriate items):

☒ MSDS Information ☐ Other (description):
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

Name (Original Signature): B. Robertson

Title: SAFETY MANAGER

Date: 4/6/05

VAPOR PRESSURE (MMHG): N/A

PERCENT VOLATILE BY VOLUME (%): 100

VAPOR DENSITY (AIR=1): N/A

EVAPORATION RATE (BUTYL ACETATE = 1): N/A

SOLUBILITY IN WATER: N/A

APPEARANCE AND ODOR INFORMATION:

PALE YELLOW TO WATERY WHITE OILY LIQUID WITH HYDROCARBON ODOR.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (METHOD USED): 100-120 F

FLAMMABLE LIMITS:

LEL = 0.7

UEL = 5.0

EXTINGUISHING MEDIA:

WATER SPRAY, FOAM, DRY CHEMICAL OR CO2.

SPECIAL FIRE FIGHTING PROCEDURES:

USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. IF A SPILL OR LEAK HAS NOT
IGNITED USE WATER SPRAY TO DISPERSE THE VAPORS. WATER SPRAY MAY BE USED TO
FLUSH SPILLS FROM EXPOSURES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/I

INCOMPATIBILITY (MATERIALS TO AVOID):

AVOID HEAT, SPARKS, OPEN FLAMES, AND STRONG OXIDIZING AGENTS. PREVENT VAPOR
ACCUMULATION.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE AND OTHER ORGANIC COMPOUNDS CAN BE FORMED UPON COMBUSTION.

WILL HAZARDOUS POLYMERIZATION OCCUR: WILL NOT OCCUR.

CONDITIONS TO AVOID FOR POLYMERIZATION: N/I

IS THE PRODUCT STABLE: YES

CONDITIONS TO AVOID FOR STABILITY: N/I

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: LARGE SPILLS.
ISOLATE HAZARD AREA. DENY ENTRY TO UNNECESSARY PERSONNEL. WEAR APPROPRIATE
RESPIRATOR AND CLOTHING. SHUT OFF SOURCE OF LEAK IF POSSIBLE. DIKE AND CONTAIN.

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, OR OSHA): NO

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (ACUTE AND CHRONIC) -

INHALATION:

MINIMIZE BREATHING VAPORS. REPEATED OR PROLONGED EXPOSURES TO HIGH CONCENTRATION OF VAPOR MAY CAUSE HEADACHE, DIZZINESS, NAUSEA, INCOORDINATION, LOSS OF CONSCIOUSNESS OR EVEN DEATH.

INGESTION:

HARMFUL IF SWALLOWED RESULTING IN NAUSEA, VOMITING, DIARRHEA, AND RESTLESSNESS. ASPIRATION OF VOMITUS MAY LEAD TO SEVERE LUNG DAMAGE AND EVEN DEATH.

SKIN CONTACT:

PROLONGED AND REPEATED LIQUID CONTACT CAN CAUSE DEFATTING AND DRYING OF THE SKIN RESULTING IN SKIN IRRITATION AND DERMATITIS.

PRIMARY ROUTES OF ENTRY -

EYE AND SKIN CONTACT. INHALATION.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/I

EMERGENCY FIRST AID PROCEDURES:

EYES:

FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. CALL A PHYSICIAN.

SKIN:

REMOVE CONTAMINATED CLOTHING AND SHOES. FOLLOW BY WASHING WITH SOAP AND WATER. DO NOT REUSE CLOTHING OR SHOES UNTIL CLEANED. IF IRRITATION PERSISTS. GET MEDICAL ATTENTION.

INHALATION:

REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. CALL A PHYSICIAN.

INGESTION:

DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. CALL A PHYSICIAN.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F): 347

SPECIFIC GRAVITY (WATER=1): .81

REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND, ETC. PLACE IN D.O.T. AUTHORIZED CONTAINERS. SMALL SPILLS. TAKE UP WITH ABSORBENT MATERIAL SUCH AS SAND OR CLAY AND DISPOSE AS ABOVE.

WASTE DISPOSAL METHODS:

RECOVERED PRODUCT SHOULD BE RECYCLED. WASTE GENERATED DURING CLEANUP WHICH IS DISCARDED AS A SOLID WASTE SHOULD BE DISPOSED OF AT A FACILITY APPROVED UNDER RCRA REGULATIONS FOR HAZARDOUS WASTE.

SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION:

LOCAL EXHAUST: BELOW PEL

MECHANICAL (GENERAL): CONFINED SPACES

SPECIAL: N/A

OTHER: BELOW FLAM. LIMITS.

RESPIRATORY PROTECTION:

UNDER CONDITIONS OF POTENTIAL HIGH EXPOSURE, THE USE OF A NIOSH-APPROVED RESPIRATOR IS RECOMMENDED.

PROTECTIVE GLOVES: IMPERVIOUS GLOVES.

OTHER PROTECTIVE EQUIPMENT: EYE PROTECTION AND PROTECTIVE CLOTHING.

OTHER ENGINEERING CONTROLS: N/I

WORK PRACTICES: N/I

HYGIENIC PRACTICES: WASH THOROUGHLY BEFORE EATING, DRINKING OR SMOKING.

SECTION 8 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

AVOID HEAT, SPARKS, OPEN FLAMES, AND STRONG OXIDIZING AGENTS. PREVENT VAPOR ACCUMULATION.

MAINTENANCE PRECAUTIONS: N/I

OTHER PRECAUTIONS:

FOR USE AS A MOTOR FUEL ONLY. DO NOT USE AS A CLEANING SOLVENT OR FOR OTHER NON-MOTOR FUEL USES.

ADDITIONAL COMMENTS: N/I

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Santa Fe, NM 87505

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Revised March 17, 1999

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District Office



REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u> <input type="checkbox"/> <u>AG 3/17/05</u>	4. Generator: Key Energy Pressure Pumping Services 5. Originating Site Key Energy Pressure Pumping Services 6. Transporter: Lucero Construction 8. State: NM
2. Management Facility Destination: JFJ Landfarm L.L.C.	
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	
7. Location of Material (Street Address or ULSTR) 708 South Tucker Ave, Farmington NM 87401	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <u>B.</u> All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Packing Oil - SAE 15W40 (Please see attached MSDS)

Estimated Volume _____ Known Volume (to be entered by the operator at the end of the haul) 36 cubic yards

SIGNATURE James Hatcher TITLE: Manager DATE: 03-14-05
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)		
APPROVED BY: <u>Denny Fount</u>	TITLE: <u>Enviro/Eng</u>	DATE: <u>3/17/05</u>
APPROVED BY: <u>Ed Merita</u>	TITLE: <u>Enviro ENGR</u>	DATE: <u>3-28-05</u>

District I
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Generator Key Energy Pressure Pumping Services
2. Management Facility Destination: JFJ Landfarm L.L.C.	5. Originating Site Key Energy Pressure Pumping Services
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Lucero Construction
7. Location of Material (Street Address or ULSTR) 708 South Tucker Ave, Farmington NM 87401	8. State: NM
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Packing Oil - SAE 15W40 (Please see attached MSDS)

Estimated Volume _____ Known Volume (to be entered by the operator at the end of the haul) 36 cubic yards

SIGNATURE James Hatcher TITLE: Manager DATE: 03-14-05
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Fenty TITLE: Enviro/Engl DATE: 3/17/05
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

 Joanna Prukop
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division



CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Key Energy Pressure Pumping Services	2. Destination Name: Industrial Eco Systems Inc.
3. Originating Site (name): attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): 708 South Tucker, Ave. Farmington, NM 87401
4. Source and Description of Waste Packing Oil - SAE 15W 40 & Gravel	

 I, Michael A. McNeese representative for :
Print Name

Key Energy Pressure Pumping Services do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☐ EXEMPT oilfield waste

☒ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

 Name (Original Signature): Michael A. McNeese

 Title: Sales Manager

 Phone Number: (505) 325-4192

 Date: 3-14-05

MATERIAL SAFETY DATA SHEET

Revision Date: 10/10/2002

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: RIMULA® Premium SAE 15W-40

MSDS NUMBER: 400843E - 1

PRODUCT CODE(S): 54269

MANUFACTURER ADDRESS: Shell Oil Products US, P. O. Box 4453, Houston, TX.
77210-4453

TELEPHONE NUMBERS

Spill Information: (877) 504-9351

Health Information: (877) 276-7285

MSDS Assistance Number: (877) 276-7285

SECTION 2 PRODUCT/INGREDIENTS

CAS#	CONCENTRATION	INGREDIENTS
	100 %weight	Motor Oil
Mixture	85 - 94.99 %weight	Highly refined petroleum distillates
Mixture	5 - 14.99 %weight	Proprietary additives (contains zinc compounds)

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance & Odor: Bright and clear liquid. Mineral oil odor.

Health Hazards: No known immediate health hazards.

Physical Hazards: No known physical hazards.

NFPA Rating (Health, Fire, Reactivity): 0, 1, 0

Hazard Rating: Least - 0 Slight - 1 Moderate - 2 High - 3

Extreme - 4

Inhalation:

Inhalation of vapors (generated at high temperatures only) or oil mist may cause mild irritation of the nose, throat, and respiratory tract.

Eye Irritation:

Lubricating oils are generally considered no more than minimally irritating to the eyes.

Skin Contact:

Lubricating oils are generally considered no more than minimally irritating to

the skin. Prolonged and repeated contact may result in defatting and drying of the skin that may cause various skin disorders such as dermatitis, folliculitis or oil acne.

Ingestion:

Lubricating oils are generally no more than slightly toxic if swallowed.

Other Health Effects:

The International Agency for Research on Cancer (IARC) has determined there is sufficient evidence for the carcinogenicity in experimental animals of used gasoline motor oils. Handling procedures and safety precautions in the MSDS should be followed to minimize exposure to the used product.

Material may release hydrogen sulfide (H₂S), a highly toxic and extremely flammable gas, when heated to 180 Degrees F or higher. H₂S can cause irritation of the eyes and respiratory tract, headaches, dizziness, nausea, vomiting, diarrhea, and pulmonary edema. The odor ("rotten egg") threshold is 0.02 ppm. Do not depend on sense of smell for warning; H₂S rapidly deadens the sense of smell.

Signs and Symptoms:

Irritation as noted above.

Aggravated Medical Conditions:

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

For additional health information, refer to section 11.

SECTION 4 FIRST AID MEASURES

Inhalation:

Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

Skin:

Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with water, then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

Eye:

Flush with water. If irritation occurs, get medical attention.

Ingestion:

Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention.

Note to Physician:

In general, emesis induction is unnecessary in high viscosity, low volatility products such as oils and greases.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point [Method]: >400 °F/>204.44 °C [Cleveland Open Cup]

Extinguishing Media:

Material will float and can be re-ignited on surface of water. Use water fog, 'alcohol foam', dry chemical or carbon dioxide (CO2) to extinguish flames. Do not use a direct stream of water.

Fire Fighting Instructions:

Material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures:

May burn although not readily ignitable.

Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8.

Spill Management:

FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels.

FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking container and seal tightly for proper disposal.

Place in container for proper disposal.

Reporting:

CERCLA: Product is covered by EPA's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) petroleum exclusion. Releases to air, land, or water are not reportable under CERCLA (Superfund).

CWA: This product is an oil as defined under Section 311 of EPA's Clean Water Act (CWA). Spills into or leading to surface waters that cause a sheen must be reported to the National Response Center, 1-800-424-8802.

SECTION 7 HANDLING AND STORAGE

Precautionary Measures:

Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles such as shoes or belts that cannot be decontaminated. Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Use explosion-proof ventilation to prevent vapor accumulation. Ground all handling equipment to prevent sparking.

Material may release hydrogen sulfide (H2S), a highly toxic and extremely flammable gas, when heated to 180 Degrees F or higher. H2S may collect in the headspace of the container.

Storage:

Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.

Container Warnings:

Keep containers closed when not in use. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers.

SECTION 8**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Oil mist, mineral	ACGIH TLV	TWA: 5 mg/m3	STEL: 10 mg/m3
Oil mist, mineral	OSHA PEL	TWA: 5 mg/m3	
Hydrogen sulfide	ACGIH - TLV	TWA: 10 ppm	STEL: 15 ppm
Hydrogen sulfide	OSHA - PEL IS	TWA: 10 ppm	STEL: 15 ppm
Hydrogen sulfide		Elevated Temperatures	> 180 Degrees F.

EXPOSURE CONTROLS

Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

PERSONAL PROTECTION

Personal protective equipment (PPE) selections vary based on potential exposure conditions such as handling practices, concentration and ventilation.

Information on the selection of eye, skin and respiratory protection for use with this material is provided below.

Eye Protection:

Chemical Goggles, or Safety glasses with side shields

Skin Protection:

Use protective clothing which is chemically resistant to this material. Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits and other items. The selection(s) should take into account such factors as job task, type of exposure and durability requirements.

Published literature, test data and/or glove and clothing manufacturers indicate the best protection is provided by:

Neoprene, or Nitrile Rubber

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134.

Types of respirator(s) to be considered in the selection process include:

For Mist: Air Purifying, R or P style NIOSH approved respirator.

For Vapors: Air Purifying, R or P style prefilter & organic cartridge, NIOSH approved respirator. Self-contained breathing apparatus for use in environments with unknown concentrations or emergency situations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: Bright and clear liquid. Mineral oil odor.
Substance Chemical Family: Lubricants
Appearance: Bright and clear liquid.

Flash Point: > 400 °F [Cleveland Open Cup]

Odor: Mineral oil odor.

Specific Gravity: 0.856 - 0.913

Viscosity: 109.5 cSt @ 40 °C

SECTION 10 REACTIVITY AND STABILITY

Stability:
Material is stable under normal conditions.

Conditions to Avoid:
Avoid heat and open flames.

Materials to Avoid:
Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products:
Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases will evolve when this material undergoes pyrolysis or combustion. Aldehydes, Carbon Monoxide, Carbon Dioxide, Hydrogen Sulfide, Ketones and other unidentified organic compounds may be formed upon combustion.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity
Dermal LD50 >5.0 g/kg(Rabbit) OSHA: Non-Toxic Based on components(s)
Oral LD50 >5.0 g/kg(Rat) OSHA: Non-Toxic Based on components(s)

Carcinogenicity Classification
Motor Oil

NTP: No IARC: Not Reviewed ACGIH: No OSHA: No

SECTION 12 ECOLOGICAL INFORMATION

Environmental Impact Summary:

There is no ecological data available for this product. However, this product is an oil. It is persistent and does not readily biodegrade. However, it does not bioaccumulate.

SECTION 13 DISPOSAL CONSIDERATIONS

RCRA Information:

Under RCRA, it is the responsibility of the user of the material to determine, at the time of the disposal, whether the material meets RCRA criteria for hazardous waste. This is because material uses, transformations, mixtures, processes, etc. may affect the classification. Refer to the latest EPA, state and local regulations regarding proper disposal.

SECTION 14 TRANSPORT INFORMATION

US Department of Transportation Classification

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also be subject to this rule.

International Air Transport Association

Not regulated under IATA rules.

International Maritime Organization Classification

Not regulated under International Maritime Organization rules.

SECTION 15 REGULATORY INFORMATION

FEDERAL REGULATORY STATUS

OSHA Classification:

Product is hazardous according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200, because it carries the occupational exposure limit for mineral oil mist.

Ozone Depleting Substances (40 CFR 82 Clean Air Act):

This material does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances.

Superfund Amendment & Reauthorization Act (SARA) Title III:

There are no components in this product on the SARA 302 list.

GASOLINE ENGINE OIL HAS BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS.

Precautionary Measures:

Avoid prolonged or repeated contact with eyes, skin and clothing. Wash thoroughly after handling.

FIRST AID

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

Skin Contact: Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with water, then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

Eye Contact: Flush with water. If irritation occurs, get medical attention.

Ingestion: Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention.

FIRE

In case of fire, Use water fog, 'alcohol foam', dry chemical or carbon dioxide (CO2) to extinguish flames. Do not use a direct stream of water. Material will float and can be re-ignited on surface of water.

SPILL OR LEAK

Dike and contain spill.

FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels.

FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking container and seal tightly for proper disposal.

CONTAINS: Highly refined petroleum distillates, Mixture; Proprietary additives (contains zinc compounds), Mixture

NEPA Rating (Health, Fire, Reactivity): 0, 1, 0

TRANSPORTATION

US Department of Transportation Classification

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also be subject to this rule.

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flames or heat. Keep container closed and drum bungs in place.

Name and Address

Shell Oil Products US

P. O. Box 4453
Houston, TX 77210-4453

ADMINISTRATIVE INFORMATION

MANUFACTURER ADDRESS: Shell Oil Products US, P. O. Box 4453, Houston, TX.
77210-4453

Company Product Stewardship & Regulatory Compliance Contact: Timothy W Childs
Phone Number: (281) 874-7708

THE INFORMATION CONTAINED IN THIS DATA SHEET IS BASED ON THE DATA AVAILABLE TO US AT THIS TIME, AND IS BELIEVED TO BE ACCURATE BASED UPON THAT : IT IS PROVIDED INDEPENDENTLY OF ANY SALE OF THE PRODUCT, FOR PURPOSE OF HAZARD COMMUNICATION. IT IS NOT INTENDED TO CONSTITUTE PRODUCT PERFORMANCE INFORMATION, AND NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND IS MADE WITH RESPECT TO THE PRODUCT, UNDERLYING DATA OR THE INFORMATION CONTAINED HEREIN. YOU ARE URGED TO OBTAIN DATA SHEETS FOR ALL PRODUCTS YOU BUY, PROCESS, USE OR DISTRIBUTE, AND ARE ENCOURAGED TO ADVISE THOSE WHO MAY COME IN CONTACT WITH SUCH PRODUCTS OF THE INFORMATION CONTAINED HEREIN.

TO DETERMINE THE APPLICABILITY OR EFFECT OF ANY LAW OR REGULATION WITH RESPECT TO THE PRODUCT, YOU SHOULD CONSULT WITH YOUR LEGAL ADVISOR OR THE APPROPRIATE GOVERNMENT AGENCY. WE WILL NOT PROVIDE ADVICE ON SUCH MATTERS, OR BE RESPONSIBLE FOR ANY INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN. THE UNDERLYING DATA, AND THE INFORMATION PROVIDED HEREIN AS A RESULT OF THAT DATA, IS THE PROPERTY OF SHELL OIL PRODUCTS US AND IS NOT TO BE THE SUBJECT OF SALE OR EXCHANGE WITHOUT THE EXPRESS WRITTEN CONSENT OF SHELL OIL PRODUCTS US.

37632-29851-100R-10/10/2002

1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised June 10, 2003

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Generator Duke Energy Field Services, LP
2. Management Facility Destination Industrial Ecosystems Inc., JFJ Landfarm	5. Originating Site Cedar Hill Compressor Station
3. Address of Facility Operator #81 CR 3150, Aztec, NM 87410	6. Transporter TBA
7. Location of Material (Street Address or ULSTR) Cedar Hill Compressor Station, UTM Zone 13, UTMH 241.2 km, UTMV 4093.0 km, approx. 2.2 miles northwest of Cedar Hill, New Mexico in San Juan County. Section 29, T32N, R10W.	8. State New Mexico
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Lube oil contaminated soils - Lube Oil: Mobil Super HP 5W-30.
RCRA non-exempt, non-hazardous

Estimated Volume 3 drums (55 gal/each) Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE Joe Birkby TITLE: Sales Mgr. DATE: 12-22-04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Joe Birkby TELEPHONE NO. 505-632-1282

E-MAIL ADDRESS _____

(This space for State Use)		
APPROVED BY: <u>Denny Zewy</u>	TITLE: <u>Enviro/Engr</u>	DATE: <u>3/17/05</u>
APPROVED BY: <u>Ed Martin</u>	TITLE: <u>Enviro ENGR</u>	DATE: <u>3-28-05</u>

I do not like this certificate, I have never seen it before.

1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources

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Form C-138
Revised June 10, 2003

Submit Original
Plus 1 Copy
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Generator Duke Energy Field Services, LP
2. Management Facility Destination Industrial Ecosystems Inc., JFJ Landfarm	5. Originating Site Cedar Hill Compressor Station
3. Address of Facility Operator #81 CR 3150, Aztec, NM 87410	6. Transporter TBA
7. Location of Material (Street Address or ULSTR) Cedar Hill Compressor Station, UTM Zone 13, UTMH 241.2 km, UTMV 4093.0 km, approx. 2.2 miles northwest of Cedar Hill, New Mexico in San Juan County. Section 29, T32N, R10W.	8. State New Mexico
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Lube oil contaminated soils - Lube Oil: Mobil Super HP 5W-30.
RCRA non-exempt, non-hazardous

Estimated Volume 3 drums (55 gal/each) Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE Joe Birkby TITLE: Sales Mgr. DATE: 12-27-04
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Joe Birkby TELEPHONE NO. 505-832-1282
E-MAIL ADDRESS _____

(This space for State Use)

APPROVED BY: [Signature] TITLE: Enviro/Eng DATE: 3/17/05
APPROVED BY: _____ TITLE: _____ DATE: _____

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL

Required by New Mexico Environment Department, Oil Conservation Division*



COMPANY/GENERATOR Duke Energy Field Services, LP

ADDRESS 10 Desta Dr., Suite 400 - W, Midland, Texas 79705

GENERATING SITE Cedar Hill Compressor Station

COUNTY San Juan STATE NM

TYPE OF WASTE Pube oil contaminated soil

ESTIMATED VOLUME 3 - 55 gal drums

GENERATING PROCESS Leak from engine filter bin contaminated soils
beneath bin - spill cleanup.

REMARKS Non-exempt.

NMOCDFACILITY Industrial Ecosystems

TRUCKING COMPANY TBD

As a condition of acceptance for disposal, I hereby certify that this waste is non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge "hazardous or listed waste" pursuant to the provisions of 40CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40CFR, Section 2613.

AGENT Lynn Ward

(SIGNATURE)

NAME Lynn Ward, Sr. Env. Specialist

(PRINTED)

ADDRESS 10 Desta Dr., Suite 400-W, Midland, TX 79705

DATE 12/3/04

480103-00 Page 1 of 6

MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN

REVISED:12/17/93

***** I. PRODUCT IDENTIFICATION *****
MOBIL SUPER HP 5W-30

SUPPLIER: MOBIL OIL CORP. 24-HOUR EMERGENCY (CALL COLLECT):
(609) 737-4411
CHEMICAL NAMES AND SYNONYMS: CHEMTREC:
PET. HYDROCARBONS AND ADDITIVES. (800) 424-9300
USE OR DESCRIPTION: PRODUCT AND MSDS INFORMATION:
ENGINE OIL (800) 662-4525

***** II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES *****

APPEARANCE: Dark Amber Liquid ODOR: Mild PH: NA
VISCOSITY AT 40 C, CS: > 60.0
VISCOSITY AT 100 C, CS: > 10.0
FLASH POINT F(C): > 350(177) (ASTM D-92)
MELTING POINT F(C): NA POUR POINT F(C): < 0(-18)
BOILING POINT F(C): > 600(316) VOC: NE
RELATIVE DENSITY, 15/4 C: 0.86-0.89 SOLUBILITY IN WATER: Negligible
VAPOR PRESSURE-mm Hg 20C: < 0.1

NA=Not Applicable NE=Not Established D=Decomposes
FOR FURTHER INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE.

***** III. POTENTIALLY HAZARDOUS INGREDIENTS *****

None

See Sections XII and XIII for regulatory and further compositional data.

***** IV. HEALTH HAZARD DATA *****

--- INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED ---
THRESHOLD LIMIT VALUE: 5.00 mg/m3 Suggested for Oil Mist
EFFECTS OF OVEREXPOSURE: No significant effects expected.

***** V. EMERGENCY AND FIRST AID PROCEDURES *****

--- FOR PRIMARY ROUTES OF ENTRY ---

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

SKIN CONTACT: Wash contact areas with soap and water.

INHALATION: Not expected to be a problem.

INGESTION: Not expected to be a problem. However, if greater than 1/2 liter(pint) ingested, immediately give 1 to 2 glasses of water and call a physician, hospital emergency room or poison control center for assistance. Do not induce vomiting or give anything by mouth to an unconscious person.

MOBIL SUPER HP 5W-30

480103-00 Page 2 of 6

***** VI. FIRE AND EXPLOSION HAZARD DATA *****

FLASH POINT F(C): > 350(177) (ASTM D-92)

FLAMMABLE LIMITS. LEL: 0.6% UEL: 7.0%

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

***** VII. REACTIVITY DATA *****

STABILITY (Thermal, Light, etc.): Stable

CONDITIONS TO AVOID: Extreme heat.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Metal oxides. Elemental oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

***** VIII. SPILL OR LEAK PROCEDURE *****

ENVIRONMENTAL IMPACT: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

ENVIRONMENTAL PATE AND EFFECTS:

Acute LC/EC50 Fish: Juvenile Rainbow Trout: Practically non-toxic
---Based on testing of similar products.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

WASTE MANAGEMENT: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

MOBIL SUPER HP 5W-30

480103-00 Page 3 of 6

***** IX. SPECIAL PROTECTION INFORMATION *****

EYE PROTECTION: Normal industrial eye protection practices should be employed.

SKIN PROTECTION: No special equipment required. However, good personal hygiene practices should always be followed.

RESPIRATORY PROTECTION: No special requirements under ordinary conditions of use and with adequate ventilation.

VENTILATION: No special requirements under ordinary conditions of use and with adequate ventilation.

***** X. SPECIAL PRECAUTIONS *****

No special precautions required.

MOBIL SUPER HP 5W-30 480103-00 Page 4 of 6

***** XI. TOXICOLOGICAL DATA *****

-----ACUTE TOXICOLOGY-----

ORAL TOXICITY (RATS): Practically non-toxic (LD50: Greater than 2000 mg/kg). -----Based on testing of similar products and/or the components.

DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: Greater than 2000 mg/kg). -----Based on testing of similar products and/or the components.

INHALATION TOXICITY (RATS): Practically non-toxic (LC50: Greater than 5 mg/l). -----Based on testing of similar products and/or the components.

EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: Greater than 6 but 15 or less). -----Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: Greater than 0.5 but less than 3). -----Based on testing of similar products and/or the components.

OTHER ACUTE TOXICITY DATA: The acute toxicological results summarized above are based on testing of representative Mobil products.

Exposure to vapors generated at 400F at levels 400 times the TLV for oil mists (5 mg/m³), then cooled to room temperature, resulted in no significant adverse effects.

-----SUBCHRONIC TOXICOLOGY (SUMMARY)-----

Representative Mobil formulations have been tested at the Mobil Environmental and Health Sciences Laboratory by dermal applications to rats 5 days/week for 90 days at doses significantly higher than those expected during normal industrial exposure. Extensive evaluations, including microscopic examination of internal organs and clinical chemistry of body fluids, showed no adverse effects.

-----REPRODUCTIVE TOXICOLOGY (SUMMARY)-----

Dermal exposure of pregnant rats to representative formulations did not cause adverse effects in either the mothers or their offspring.

-----CHRONIC TOXICOLOGY (SUMMARY)-----

The base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using the Mobil Modified Ames Test.

-----SENSITIZATION (SUMMARY)-----

Representative Mobil formulations have not caused skin sensitization in guinea pigs.

-----OTHER TOXICOLOGY DATA-----

Studies have shown that mice developed skin cancer after repeated application of used gasoline engine oil to the skin for the lifetime of the animals. No effort was made to wash the oil off between applications. Used oil from diesel engines did not produce this effect. Because of the effects observed in the laboratory tests, service station workers, engine mechanics, and all persons who regularly handle used motor oil should take precautions to minimize contact with the oil. Good personal hygiene practices, including washing any skin contact areas and removing oil soaked clothing, should be followed.

***** XII. REGULATORY INFORMATION *****
GOVERNMENTAL INVENTORY STATUS: All components comply with TSCA and DSL.
Transport Information: Please see Section XIV.

MOBIL SUPER HP 5W-30

480103-00 Page 5 of 6

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None

This product contains the following SARA (313) Toxic Release Chemicals:

PHOSPHORODITHIOIC ACID, O,O-DI 68649-42-3 1.81%
 C1-14-ALKYL ESTERS, ZINC SALTS (2:1)
 (ZDDP)

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
COPPER (ELEMENTAL ANALYSIS) (<0.02%)	7440-50-8	22
ZINC (ELEMENTAL ANALYSIS) (<0.13%)	7440-66-6	22
PHOSPHORODITHIOIC ACID, O,O-DI	68649-42-3	18, 20, 21, 22, 24,
C1-14-ALKYL ESTERS, ZINC SALTS (2:1) (ZDDP) (1.81%)		25

--- REGULATORY LISTS SEARCHED ---

1 = ACGIH ALL	6 = IARC 1	11 = TSCA 4	17 = CA P65	22 = HI 293
2 = ACGIH A1	7 = IARC 2A	12 = TSCA 5a2	18 = CA RTK	23 = MN RTK
3 = ACGIH A2	8 = IARC 2B	13 = TSCA 5b	19 = FL RTK	24 = NJ RTK
4 = NTP CARC	9 = OSHA CARC	14 = TSCA 6	20 = IL RTK	25 = PA RTK
5 = NTP SUS	10 = OSHA Z	15 = TSCA 12b	21 = LA RTK	26 = RI RTK

CARC = CARCINOGEN; SUS = SUSPECTED CARCINOGEN

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

***** XIII. INGREDIENTS *****

INGREDIENT DESCRIPTION	PERCENT	CAS NUMBER
CONTAINS THE FOLLOWING BASE OIL: DISTILLATES (PETROLEUM), SOLVENT- DEWAXED HEAVY PARAFFINIC	> 85.00	64742-65-0
POLYOLEFIN AMIDE ALKENEAMINE	< 3.00 NJT	800967-5490P
PHOSPHORODITHIOIC ACID, O,O-DI-C1-14 ALKYL ESTERS, ZINC SALTS	1.15	68649-42-3
AMINES, POLYETHYLENEPOLY-, REACTION PRODUCTS WITH SUCCINIC ANHYDRIDE POLYISOBUTENYL DERIVS.	< 2.00	84605-20-9
CALCIUM SULFONATE	< 2.00 NJT	800967-5473P

MOBIL SUPER HP 5W-30

480103-00 Page 6 of 6

***** XIV. TRANSPORT AND LABEL INFORMATION *****

USA DOT: NOT REGULATED BY USA DOT.

IMO: NOT REGULATED BY IMO.

IATA: NOT REGULATED BY IATA.

***** APPENDIX *****
PRECAUTIONARY EEC LABEL TEXT:

* - EC labeling not required. .
FOR MOBIL USE ONLY: MHC: 1* 1* 0* 1* 1*, MPPEC: A, PPEC:, US931201
APPROVE CCODE:5 12/17/93 REQ: US - MARKETING

INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE, BUT
WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR
PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT
ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL
WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE
USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A
RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING
LICENSE UNDER VALID PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING
PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

PREPARED BY: MOBIL OIL CORPORATION

ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT, PRINCETON, NJ
FOR FURTHER INFORMATION, CONTACT:MOBIL OIL CORPORATION, PRODUCT FORMULATION AND QUALITY CONTROL
3225 GALLOWS ROAD, FAIRFAX, VA 22037 (800) 227-0707 X3265

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88201
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED

DEC 15 2004

OIL CONSERVATION
DIVISION

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: <input type="checkbox"/> Yes <input type="checkbox"/> No	4. Generator Atlantic Richfield Company
2. Management Facility Destination: JFJ Landfarm L.L.C.	5. Originating Site ARCO Pump Station
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: CDL Trucking M&M Trucking Foster Trucking
7. Location of Material (Street Address or ULSTR) Located in the Navajo Nation off of Route 302 South of Farmington New Mexico. From Route 371 & 302 it is approximately 12 miles to site.	8. State: NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Excavation of soils analytical data during drilling indicates soil is non hazardous. Source of contaminate is non processed crude oil.

Estimated Volume 1300 cubic yards Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE James Hatcher
Waste Management Facility Authorized Agent

TITLE: Manager DATE: 12/01/04

TYPE OR PRINT NAME: James Hatcher

TELEPHONE NO. (505) 632-1782

(This space for State Use)		
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Enviro/Engt</u>	DATE: <u>12/13/04</u>
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Enviro/Engt</u>	DATE: <u>12/16/04</u>

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: <input type="checkbox"/> Yes <input type="checkbox"/> No		4. Generator Atlantic Richfield Company
2. Management Facility Destination: JFJ Landfarm L.L.C.		5. Originating Site ARCO Pump Station
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: CDL Trucking M&M Trucking Foster Trucking
7. Location of Material (Street Address or ULSTR) Located in the Navajo Nation off of Route 302 South of Farmington New Mexico. From Route 371 & 302 it is approximately 12 miles to site.		8. State: NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Excavation of soils analytical data during drilling indicates soil is non hazardous. Source of contaminate is non processed crude oil.

Estimated Volume 1300 cubic yards Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE James Hatcher TITLE: Manager DATE: 12/01/04
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Teut

TITLE: Environ/Engr

DATE: 12/13/04

APPROVED BY: _____

TITLE: _____

DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanne Prukop
Cabinet Secretary

Lori Wrotenberg
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>Atlantic Richfield Co.</u> <u>501 Westlake Park Blvd.</u> <u>Room 17108</u> <u>Houston, TX 77079</u>	2. Destination Name: <u>J.F.J. Landfarm</u> <u>C/O Industrial Ecosystems Inc.</u> <u>#81 CR 3250 Aztec, NM 87410</u>
3. Originating Site (name): <u>This former ARCO pump station site is located in the Navajo nation off of Route 302 south of Farmington, NM. From Route 371 & 302 it is approximately 12 miles to site.</u>	
4. Source and Description of Waste <u>Excavation of soils analytical data during drilling indicates soil is NON HAZ. Source of Cont is non processed crude oil</u>	

I, John C. Danchertsen, Agent for Atlantic Richfield. representative for :

John C. Danchertsen Print Name
John C. Danchertsen do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☐ EXEMPT oilfield waste

☒ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☒ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

Generator knowledge

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): John C. Danchertsen Agent for Atlantic Richfield Co.

Title: Unit Manager

Date: 12-1-04

TABLE 1
SUMMARY OF TRPH and TPH-E CONCENTRATIONS IN SOIL - OCTOBER 1998
FORMER LINE 90 BISTI PUMP STATION
BISTI, NEW MEXICO

Sample Number	Sample Location	Depth (feet)	Sample Date	TRPH	Concentrations (mg/kg)				
					TPH-E (Hydrocarbon Chain Range Breakdown)				Total
					C8-C10	C10-C20	C20-C30	C30-C34	C8-C34
BS-01-01	Sump	1	12-Oct-98	272	ND	46	45	10	101
BS-01-05-01	Sump	5	12-Oct-98	ND	NA	NA	NA	NA	NA
BS-02-05-01	AST	5	12-Oct-98	ND	NA	NA	NA	NA	NA
BS-02-09-01	AST	9	12-Oct-98	ND	NA	NA	NA	NA	NA
BS-02-09-02 ⁽¹⁾	AST	9	12-Oct-98	ND	NA	NA	NA	NA	NA
BS-03-02-01	AST	2	12-Oct-98	5010	ND	16300	5500	2676	24476
BS-03-05-01	AST	5	12-Oct-98	2740	ND	5	60	55	120
BS-03-08-01	AST	8	12-Oct-98	ND	NA	NA	NA	NA	NA
BS-04-01-01	Spill	1	12-Oct-98	2120	ND	518	321	73	912
BS-04-05-01	Spill	5	12-Oct-98	ND	NA	NA	NA	NA	NA
BS-05-02-01	Prover Loop	2	12-Oct-98	ND	NA	NA	NA	NA	NA
BS-05-05-01	Prover Loop	5	12-Oct-98	ND	NA	NA	NA	NA	NA
BS-05-06-01	Prover Loop	6	12-Oct-98	ND	NA	NA	NA	NA	NA
BS-06-01-01	Valve	1	12-Oct-98	46100	ND	1460	3650	1480	6590
BS-06-05-01	Valve	5	12-Oct-98	ND	NA	NA	NA	NA	NA

All data on this table is from the URS Report titled: Workplan for Additional Site Investigation, Former Line 90 Bisti Pump Station, Bisti, New Mexico dated May 16, 2002

Notes:

- (1) Indicates a duplicate for the preceding sample
 NA Indicates sample was not analyzed for this parameter.
 ND Indicates non detect at or above the laboratory reporting limits. See laboratory analytical reports for reporting limits.
 mg/kg Indicates milligrams per kilogram

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - JULY 2001
FORMER LINE 90 BISTI PUMP STATION
BISTI, NEW MEXICO

Sample Number	Depth (feet bgs)	Sample Date	Total Petroleum Hydrocarbons (mg/kg)				BTEX (ug/kg)
			C6-C10	C10-C22	C22-C36	C6-C36	
SMP-BS1-0	5	7/16/01	0.191 U	26.6 U	26.6 U	ND	NA
SMP-SS2-10	4	7/16/01	1.09	336	600	937.09	NA
T1-S1-0	4.5	07/04/01	0.19U	91	530	621	NA
T1-S2-30	4.5	7/4/01	0.2 U	27.2 U	27.2 U	ND	ND
T1-S3-46	4.5	7/4/01	0.2 U	27.6 U	27.6 U	ND	NA
T1-S4-60	4.5	7/4/01	0.2 U	27.6 U	27.6 U	ND	NA
T1-S5-86	4.5	07/04/01	0.21U	58.4U	58.4U	ND	NA
T2-BS1-0	4.5	07/12/01	0.19U	26.5U	26.5U	ND	NA
T2-SS2-26	4.5	7/12/01	0.34	26.7 U	26.7 U	0.34	NA
T2-BS3-50	4.5	7/12/01	0.2 U	27.2 U	27.2 U	ND	NA
T2-SS4-70	4.5	07/12/01	0.19U	26.8U	26.8U	ND	NA
T2-BS5-90	4.5	7/12/01	0.2 U	27.4 U	27.4 U	ND	NA
T3-BS1-0	6	07/12/01	0.20U	27.8U	27.8U	ND	NA
T3-SS2-30	6	07/17/01	0.192U	26.7U	69.3	69.3	NA
T3-BS3-60	6	7/17/01	0.194 U	27 U	27 U	ND	NA
T3-SS4-90	6	7/17/01	0.2 U	27.7 U	27.7 U	ND	NA
T3-BS5-105	6	7/18/01	0.2 U	27.8 U	27.8 U	ND	NA
T3-SS6-130	6	7/18/01	0.194 U	27 U	27 U	ND	NA
T3-BS7-141	6	7/18/01	0.2 U	27.8 U	27.8 U	ND	NA
T3-SS8-155	6	7/18/01	0.188 U	26.1 U	26.1 U	ND	NA
T3-BS9-170	6	07/18/01	1.31	59	26U	60.31	NA

Notes:

mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
feet bgs = Feet below ground surface
ND = Not detected above laboratory reporting limit
NA = Sample was not analyzed for these compounds
BTEX = Benzene, toluene, ethylbenzene, and xylenes
U = Compound was not detected above value indicated

TABLE 3
SUMMARY OF TPH CONCENTRATIONS IN SOIL - JUNE 2002
FORMER LINE 90 BISTI PUMP STATION
BISTI, NEW MEXICO

Sample Number	Sample Depth (ft)	Date Sampled	TPH C6-C10 mg/Kg	TPH C10-C22 mg/Kg	TPH C22-C36 mg/Kg	TPH Total mg/Kg	Benzene ug/Kg	Toluene ug/Kg	Ethyl Benzene ug/Kg	m,p-Xylene ug/Kg	o-Xylene ug/Kg
BS-7	1	6/18/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	6.2	ND	ND	ND
	9.5		ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-8	1	6/18/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	9.5		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-9	1	6/18/2002	ND	616	1620	2236	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	9		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-10	1	6/18/2002	12.1	3650	6580	10242.1	ND	ND	ND	280	230
	5		ND	ND	ND	ND	ND	60	ND	ND	ND
	10		ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-11	1	6/18/2002	ND	2360	5930	8290	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	9		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-12	1	6/18/2002	175	3420	4000	7595	ND	ND	3200	2500	780
	5		322	2620	2010	4952	ND	690	6800	7000	810
	9		9.85	191	220	420.85	ND	70	190	320	280
	9.5		12.7	513	486	1011.7	ND	82	240	550	300
BS-15	1	6/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-16	1	6/19/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-17	1	6/19/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	10		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-18	1	6/19/2002	ND	114	813	927	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	9		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-19	1	6/19/2002	ND	83.9	635	718.9	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	9		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-20	1	6/19/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	9		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-21	1	6/19/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-22	1	6/19/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	9		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-23	2	6/19/2002	ND	ND	318	318	ND	ND	ND	ND	ND
	5		ND	311	714	1025	ND	ND	ND	ND	ND
	9.5		ND	ND	ND	ND	ND	76	ND	ND	ND
BS-24	3	6/19/2002	ND	ND	84.4	84.4	NS	NS	NS	NS	NS
	5		ND	315	1400	1715	NS	NS	NS	NS	NS
	10		ND	74.2	180	254.2	NS	NS	NS	NS	NS
BS-25	5.5	6/18/2002	ND	65.8	416	481.8	NS	NS	NS	NS	NS
	9		ND	ND	33	33	NS	NS	NS	NS	NS
BS-27	4	6/19/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS
	9		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-28	1	6/19/2002	ND	ND	27.1	27.1	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-29	6.5	6/18/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS
	9		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-31	6.5	6/18/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS

TABLE 3
SUMMARY OF TPH CONCENTRATIONS IN SOIL - JUNE 2002
FORMER LINE 90 BISTI PUMP STATION
BISTI, NEW MEXICO

Sample Number	Sample Depth (ft)	Date Sampled	TPH C6-C10 mg/Kg	TPH C10-C22 mg/Kg	TPH C22-C36 mg/Kg	TPH Total mg/Kg	Benzene ug/Kg	Toluene ug/Kg	Ethyl Benzene ug/Kg	m,p-Xylene ug/Kg	o-Xylene ug/Kg
	8.5		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-32	6	6/18/2002	ND	ND	ND	ND	NS	NS	NS	NS	NS
	8.5		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-33	1	6/19/2002	ND	ND	125	125	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	8		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-34	1	6/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	38	38	ND	ND	ND	ND	ND
BS-35	1	6/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-36	1	6/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-37	1	6/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-39	4	6/18/2002	ND	ND	219	219	NS	NS	NS	NS	NS
	9		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-40	1	6/19/2002	ND	ND	106	106	NS	NS	NS	NS	NS
	5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	10		ND	ND	ND	ND	NS	NS	NS	NS	NS
BS-42	6.5	6/20/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11.5		ND	ND	ND	ND	NS	NS	NS	NS	NS
	16		ND	ND	ND	ND	NS	NS	NS	NS	NS
	21		ND	50	360	410	NS	NS	NS	NS	NS

Notes:

NA Indicates sample was not analyzed for this parameter.
ND Indicates non detect at or above the laboratory reporting limits. See laboratory analytical reports for reporting limits.
ug/kg micrograms per kilogram
mg/kg milligrams per kilogram

TABLE 4
SUMMARY OF PAH CONCENTRATIONS IN SOIL - JUNE 2002
FORMER LINE 90 BISTI PUMP STATION
BISTI, NEW MEXICO

Sample Number	Sample Depth	Date Sampled	Naphthalene mg/kg	Acenaphthene mg/kg	Anthracene mg/kg	Fluoranthene mg/kg	Fluorene mg/kg	Pyrene mg/kg	Benzo(a)anthracene mg/kg	Benzo(a)pyrene mg/kg	Benzo(b)fluoranthene mg/kg	Benzo(k)fluoranthene mg/kg	Chrysene mg/kg	Dibenzo(a,h)anthracene mg/kg	Indeno (1,2,3-cd)pyrene mg/kg	Acenaphthylene mg/kg	Benzo(g,h,i)perylene mg/kg	Phenanthrene mg/kg
BS-7	1	6/18/02	ND	ND	ND	0.0306	ND	0.016	ND	0.011	0.0117	ND	ND	ND	ND	ND	ND	0.0306
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-10	1	6/18/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-12	1	6/18/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.51
	5		5.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.12
	9		0.176	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.207
	9.5		0.294	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.406
BS-15	1	6/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-23	2	6/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	0.0686	ND	0.0306	ND	0.00366	0.00966	ND	ND	ND	ND	ND	ND	ND
	9.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-28	1	6/19/02	ND	ND	ND	0.025	ND	0.013	0.007	ND	0.009	ND	0.005	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-34	1	6/19/02	ND	ND	ND	0.049	ND	0.019	0.0166	0.0183	0.0193	0.00899	0.0107	ND	ND	ND	ND	ND
	5		ND	ND	ND	0.0639	ND	0.044	0.018	0.023	0.0263	0.0113	0.0157	ND	ND	ND	ND	ND
BS-35	1	6/19/02	ND	ND	ND	0.028	ND	ND	0.00666	0.00799	0.00999	0.00999	0.00533	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-36	1	6/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-37	1	6/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS-42	6.5	6/20/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

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RECEIVED
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Oil Conservation Division
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OIL CONSERVATION
DIVISION

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: <input type="checkbox"/> Yes <input type="checkbox"/> No		4. Generator Atlantic Richfield Company
2. Management Facility Destination: JFJ Landfarm L.L.C.		5. Originating Site ARCO Pump Station
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		Transporter: Industrial Ecosystems Inc. State: <u>AZ</u>
7. Location of Material (Street Address or ULSTR) Located in a remote area within the Navajo Nation on Navajo Route 20, south of the community of Tonalea and US Highway 160, approximately 1 mile south of Red Lake		
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input checked="" type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Waste of recent drilling activities during the installation of 4 monitoring wells. Analytical data indicates the material is non hazardous. Source of contamination is non-processed Crude Oil.

Estimated Volume 8 Drums Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE James Hatcher TITLE: Manager DATE: 12/01/04
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)		
APPROVED BY: <u>Henry Burt</u>	TITLE: <u>Enviro/Engr</u>	DATE: <u>12/13/04</u>
APPROVED BY: <u>Ed Martin</u>	TITLE: <u>ENVIRO ENGR</u>	DATE: <u>12-16-04</u>

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SIGNATURE James Hatcher TITLE: Manager DATE: 12/01/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Dean Fent

TITLE: Enviro/Eng

DATE: 12/13/04

APPROVED BY: _____

TITLE: _____

DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division



CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>Atlantic Richfield Company 501 Westlake Park Blvd. Room 17.108 Houston, TX 77079</i>	2. Destination Name: <i>J.F.J. Landfarm c/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410</i>
3. Originating Site (name): <i>The former ARCO Pump Station (Site) is located in a remote area within the Navajo Nation on Navajo Route 20, south of the community of Tonalea and U.S. Highway 160, approximately 1 mile south of Red Lake</i>	
4. Source and Description of Waste <i>Waste if recent drilling activities during the installation of 4 monitoring wells. Analytical data indicates the material is non hazardous. Source of contamination is non-processed Crude Oil.</i>	

I, John Duvchetsen representative for: Atlantic Richfield Co.
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

EXEMPT oilfield waste X NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

MSDS Information Other (description)
X RCRA Hazardous Waste Analysis
X Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): [Signature]

Title: Agent for ARC

Date: 12-1-04

*Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087*

*Phone: 504.469.0393
Fax: 504.469.0565*



Report of Laboratory Analysis
Project Number: 2038496





Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F-
Saint Rose, LA 70067

Phone: 504.469.0535
Fax: 504.469.0535

Client: Delta Environmental Consulting
Client ID: DRUMS #1,2, AND 3 Site: None
Project: BP-TONALEA PUMP STATION Project No.: 2038496 Sample Qu:
Lab ID: 20293502 Matrix: Soil % Moisture: Not Corrected
Description: None Prep Level: Soil Batch: 48736
Method: SW 8015B TPH Diesel & Oil Range Organics Units: mg/kg Target List: TPHLOW
Prep Factor: 1 Leached: n/a Collected: 08/31/04 Received: 09/03/04
Prepared: 09/07/04 Analyzed: 09/08/04 15:46 DGS

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
	TPH - Diesel Range Organics (C10-C28)	1	ND		10.0	
	TPH - Oil Range Organics (>C28-C40)	1	ND		50.0	

2 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E07535
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0686

Client: Delta Environmental Consulting
Site: None
Client ID: DRUMS #1,2, AND 3
Project: BP-TONALEA PUMP STATION
Project No.: 2038496
Lab ID: 20293502
Matrix: Soil
Description: None
Prep Level: Soil
Method: SW 8015B TPH Gasoline Range Organics (C6-C10)
Units: ug/kg
Prep Factor: 1
Leached: n/a
Sample Qu: None
Batch: 48905
Target List: TPHGPTMED
Collected: 08/31/04
Received: 09/03/04
Prepared: 09/10/04
Analyzed: 09/14/04 02:55 LAE

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
	TPH - Gasoline Range Organics (C6-C10)	1	ND		2500	

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP/Drinking Water) LA 030013
Florida Dept. of Health/Hazardous Waste - E07595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70067

Phone: 504.469.0335
Fax: 504.469.0535

Client: Delta Environmental Consulting

Client ID: DRUMS #1,2, AND 3

Site: None

Project: BP-TONALEA PUMP STATION

Project No.: 2038496

Sample Qu:

Lab ID: 20293502

Matrix: Soil

% Moisture: Not Corrected

Description: None

Prep Level: Soil

Batch: 48904

Method: SW 8021 BTEX

Units: ug/kg

Target List: BTEXMED

Prep Factor: 1

Leached: n/a

Collected: 08/31/04

Received: 09/03/04

Prepared: 09/10/04

Analyzed: 09/14/04 02:55 LAE

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
71-43-2	Benzene	1	ND		25.0	
100-41-4	Ethylbenzene	1	ND		25.0	
108-88-3	Toluene	1	ND		25.0	
1330-20-7	m,p-Xylene	1	ND		50.0	
95-47-6	o-Xylene	1	ND		25.0	

5 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverboat Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

Client ID: DRUMS #4,5, AND 6 Client: Delta Environmental Consulting
Project: BP-TONALEA PUMP STATION Site: None
Lab ID: 20293503 Project No.: 2038496 Sample Qu:
Description: None Matrix: Soil % Moisture: Not Corrected
Method: SW 8015B TPH Diesel & Oil Range Organics Prep Level: Soil Batch: 48736
Units: mg/kg Target List: TPHLOW
Collected: 08/31/04 Received: 09/03/04
Prep Factor: 1 Leached: n/a Prepared: 09/07/04 Analyzed: 09/08/04 16:12 DGS

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
	TPH - Diesel Range Organics (C10-C28)	1	ND		10.0	
	TPH - Oil Range Organics (>C28-C40)	1	ND		50.0	

2 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87535
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WWW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70067

Phone: 504.469.0335
Fax: 504.469.0555

Client: Delta Environmental Consulting

Client ID: DRUMS #4,5, AND 6

Site: None

Project: BP-TONALEA PUMP STATION

Project No.: 2038496

Sample Qu:

Lab ID: 20293503

Matrix: Soil

% Moisture: Not Corrected

Description: None

Prep Level: Soil

Batch: 48905

Method: SW 8015B TPH Gasoline Range Organics (C6-C10)

Units: ug/kg

Target List: TPHGPTMED

Prep Factor: 1

Leached: n/a

Collected: 08/31/04

Received: 09/03/04

Prepared: 09/10/04

Analyzed: 09/14/04 00:26 LAE

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
	TPH - Gasoline Range Organics (C6-C10)	1	ND		2500	

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP) Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP VWW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverwood Blvd, Suite F
Saint Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555

Client ID: <u>DRUMS #4,5, AND 6</u>		Client: <u>Delta Environmental Consulting</u>	
Project: <u>BP-TONALEA PUMP STATION</u>		Site: <u>None</u>	
Lab ID: <u>20293503</u>		Project No.: <u>2038496</u>	Sample Qu:
Description: <u>None</u>		Matrix: <u>Soil</u>	% Moisture: <u>Not Corrected</u>
Method: <u>SW 8021 BTEX</u>		Prep Level: <u>Soil</u>	Batch: <u>48904</u>
		Units: <u>ug/kg</u>	Target List: <u>BTEXMED</u>
		Collected: <u>08/31/04</u>	Received: <u>09/03/04</u>
Prep Factor: <u>1</u>	Leached: <u>n/a</u>	Prepared: <u>09/10/04</u>	Analyzed: <u>09/14/04</u> <u>00:26 LAE</u>

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
71-43-2	Benzene	1	ND		25.0	
100-41-4	Ethylbenzene	1	ND		25.0	
108-88-3	Toluene	1	ND		25.0	
1330-20-7	m,p-Xylene	1	ND		50.0	
95-47-6	o-Xylene	1	ND		25.0	

5 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - EB7595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70067
Phone: 504.369.0833
Fax: 504.469.0835

Client: Delta Environmental Consulting
Site: None
Client ID: DRUMS #7 AND 8
Project: BP-TONALEA PUMP STATION
Lab ID: 20293504
Description: None
Method: SW 8015B TPH Diesel & Oil Range Organics
Prep Factor: 1
Leached: n/a
Project No.: 2038496
Matrix: Soil
Prep Level: Soil
Units: mg/kg
Collected: 08/31/04
Prepared: 09/07/04
Sample Qu: None
% Moisture: Not Corrected
Batch: 48736
Target List: TPHLOW
Received: 09/03/04
Analyzed: 09/08/04 16:37 DGS

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
	TPH - Diesel Range Organics (C10-C28)	1	342.		10.0	
	TPH - Oil Range Organics (>C28-C40)	1	ND		50.0	

2 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WWW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverhead Blvd, Suite F
Saint Rose, LA 70087
Phone: 504.469.0338
Fax: 504.469.0555

Client: Delta Environmental Consulting
Site: None
Client ID: DRUMS #7 AND 8
Project: BP-TONALEA PUMP STATION
Project No.: 2038496
Lab ID: 20293504
Matrix: Soil
Description: None
Prep Level: Soil
Method: SW 8015B TPH Gasoline Range Organics (C6-C10)
Units: ug/kg
Prep Factor: 1
Leached: n/a
Collected: 08/31/04
Prepared: 09/10/04
Sample Qu: Not Corrected
Batch: 48905
Target List: TPHGPTMED
Received: 09/03/04
Analyzed: 09/14/04 03:59 LAE

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
	TPH - Gasoline Range Organics (C6-C10)	1	ND		2500	

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP/Drinking Water LA 030013)
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverwood Blvd, Suite F
Saint Rose, LA 70067

Phone: 504.469.0938
Fax: 504.469.0955

Client: Delta Environmental Consulting
Client ID: DRUMS #7 AND 8
Site: None
Project: BP-TONALEA PUMP STATION
Project No.: 2038496
Sample Qu:
Lab ID: 20293504
Matrix: Soil
% Moisture: Not Corrected
Description: None
Prep Level: Soil
Batch: 48904
Method: SW 8021 BTEX
Units: ug/kg
Target List: BTEXMED
Collected: 08/31/04
Received: 09/03/04
Prepared: 09/10/04
Analyzed: 09/14/04 03:58 LAE
Prep Factor: 1 Leached: n/a

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
71-43-2	Benzene	1	ND		25.0	
100-41-4	Ethylbenzene	1	ND		25.0	
108-88-3	Toluene	1	ND		25.0	
1330-20-7	m,p-Xylene	1	ND		50.0	
95-47-6	o-Xylene	1	ND		25.0	

5 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP INELAP WW/HZ - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverwood Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

Client ID: DRUMS #1,2, AND 3

Client: Delta Environmental Consulting

Project: BP-TONALEA PUMP STATION

Site: None

Lab ID: 20293502

Project No.: 2038496

Description: None

Matrix: Soil

%Moisture: Not Corrected

Collected: 08/31/04

Received: 09/03/04

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Flashpoint	SW 1010 (mod	48690	1	100.	GT C3	deg C			07-Sep-04 11:45	VJG
pH	SW 9045	48693	1	6.92	C3	S.U.			07-Sep-04 16:20	VJG

2 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
(1c) Reactive cyanide above 250 ppm is hazardous for reactivity.
(1d) Reactive sulfide above 500 ppm is hazardous for reactivity.
Ethylene is a common synonym for the IUPAC standard ethene in all compounds with this functional group.
methyl ethyl ketone is a synonym for 2-butanone
o,m,p-cresol are synonyms for 2,3,4-methylphenol, respectively.
Hexachlorobutadiene is hexachloro-1,3-butadiene

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverhead Blvd, Suite F
Saint Rose, LA 70087
Phone: 504.469.0338
Fax: 504.469.0555

Client ID: DRUMS #4,5, AND 6

Client: Delta Environmental Consulting

Project: BP-TONALEA PUMP STATION

Site: None

Lab ID: 20293503

Project No.: 2038496

Description: None

Matrix: Soil

%Moisture: Not Corrected

Collected: 08/31/04

Received: 09/03/04

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Flashpoint	SW 1010 (mod	48690	1	100.	GT C3	deg C			07-Sep-04 11:45	VJG
pH	SW 9045	48693	1	7.39	C3	S.U.			07-Sep-04 16:20	VJG

2 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitibility.
(1c) Reactive cyanide above 250 ppm is hazardous for reactivity.
(1d) Reactive sulfide above 500 ppm is hazardous for reactivity.
Ethylene is a common synonym for the IUPAC standard ethene in all compounds with this functional group.
methyl ethyl ketone is a synonym for 2-butanone
o,m,p-cresol are synonyms for 2,3,4-methylphenol, respectively.
Hexachlorobutadiene is hexachloro-1,3-butadiene

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/IZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70067

Phone: 504.469.0333
Fax: 504.469.0555

Client ID: DRUMS #7 AND 8

Client: Delta Environmental Consulting

Project: BP-TONALEA PUMP STATION

Site: None

Lab ID: 20293504

Project No.: 2038496

Description: None

Matrix: Soil

%Moisture: Not Corrected

Collected: 08/31/04

Received: 09/03/04

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Flashpoint	SW 1010 (mod	48690	1	100.	GT C3	deg C			07-Sep-04 11:45	VJG
pH	SW 9045	48693	1	8.08	C3	S.U.			07-Sep-04 16:20	VJG

2 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
(1c) Reactive cyanide above 250 ppm is hazardous for reactivity.
(1d) Reactive sulfide above 500 ppm is hazardous for reactivity.
Ethylene is a common synonym for the IUPAC standard ethene in all compounds with this functional group.
methyl ethyl ketone is a synonym for 2-butanone
o,m,p-cresol are synonyms for 2,3,4-methylphenol, respectively.
Hexachlorobutadiene is hexachloro-1,3-butadiene

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP) Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E07595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/H2) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

Method: Low Soil GC Organics

Project: 2038496

Batch: 48736

LCS: 48736S1 9/8/2004 12:23:00 PM

Units: mg/kg

MS: 48736MS 9/8/2004 1:14:00 PM

Parameter Name	LCS	LCS	LCSD	LCS	MS	MS	MSD (1)MS	DUP	QC Limits		Max	Qu
	Spike	%Rec	%Rec	RPD	Spike	%Rec	%Rec	RPD	LCS	MS/MSD	RPD	
TPH - Diesel Range Organics (C10-C2)	40	81			40	77	80	3	56 - 138	0 - 178		50

* denotes recovery outside of QC limits.

MS spike concentrations are not corrected for moisture content of the spiked sample.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

9/20/2004 10:58:37

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP) Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WWW/HZ) - 02006
EQH - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555

Method: Low Soil GC Organics

Project: 2038496

Batch: 48736

LCS: 48736S2

9/8/2004 9:43:00 PM

Units: mg/kg

MS:

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD (1)MS %Rec	DUP RPD	QC Limits LCS MS/MSD	Max RPD	Qu
TPH - Diesel Range Organics (C10-C2)	400	60			40				56 - 138	0 - 178	50

* denotes recovery outside of QC limits.

MS spike concentrations are not corrected for moisture content of the spiked sample.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

9/20/2004 10:58:37

Laboratory Certifications:

Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HQ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0338
Fax: 504.469.0588

Method: Med Soil GC Organics

Project: 2038496

Batch: 48905

LCS: 48905S1 9/14/2004 2:34:00 AM

Units: ug/kg

MS: 48905MS 9/14/2004 3:16:00 AM

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD (1)MS %Rec	DUP RPD	QC Limits LCS MS/MSD	Max RPD	Qu
TPH - Gasoline Range Organics (C6-C	25000	95			25000	86	86	0	48 - 147	27 - 150	50

* denotes recovery outside of QC limits.

MS spike concentrations are not corrected for moisture content of the spiked sample.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

9/20/2004 10:58:37

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)

Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0338
Fax: 504.469.0556

Method: Med Soil GC Volatile Organics

Project: 2038496

Batch: 48904

LCS: 20294183 9/13/2004 9:36:00 PM

Units: ug/kg

MS:

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS RPD	DUP RPD	QC Limits LCS MS/MSD	Max RPD	Qu
Benzene		25	113							30 - 150	-	
Ethylbenzene		25	105							30 - 150	-	
Methyl tert-butyl ether (MTBE)		25	120							30 - 150	-	
Toluene		25	109							30 - 150	-	
m,p-Xylene		50	101							30 - 150	-	
o-Xylene		25	90							30 - 150	-	

* denotes recovery outside of QC limits.

MS spike concentrations are not corrected for moisture content of the spiked sample.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

9/20/2004 10:58:37

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555

Method: Med Soil GC Volatile Organics

Project: 2038496

Batch: 48904

LCS: 48904S1 9/13/2004 5:34:00 PM

Units: ug/kg

MS: 48904MS 9/13/2004 6:16:00 PM

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD (1)MS %Rec	DUP RPD	QC Limits LCS MS/MSD	Max RPD	Qu
Benzene	1000	117			1000	106	106	0	70 - 128 51 - 134		50
Ethylbenzene	1000	118			1000	106	106	0	81 - 131 50 - 153		50
Methyl tert-butyl ether (MTBE)	1000	108			1000	100	99	1	64 - 126 57 - 114		50
Toluene	1000	112			1000	101	102	0	80 - 132 57 - 139		50
m,p-Xylene	2000	111			2000	105	106	1	88 - 139 61 - 148		50
o-Xylene	1000	115			1000	104	105	1	88 - 134 50 - 164		50

* denotes recovery outside of QC limits.

MS spike concentrations are not corrected for moisture content of the spiked sample.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

9/20/2004 10:58:37

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)

Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

Method: Low Soil GC Organics

Report: 2038496

Batch: 48736

Lab ID	Type and Qualifiers	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
20292425	Sample	77							
20292426	Sample	73							
20292427	Sample	83							
20292428	Sample	76							
20292429	Sample	80							
20293030	Sample D1	97							
20293031	Sample	62							
20293502	Sample	74							
20293503	Sample	89							
20293504	Sample	73							
48736B1	Blank	82							
48736B2	Blank	72							
48736MS	Spike	82							
48736MSD	Spike Dup	83							
48736S1	LCS	81							
48736S2	LCS	80							

QC limits: 40-140

Sur 1: o-Terphenyl (S)

* denotes surrogate recovery outside of QC limits.

D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.

A Lab ID consisting of a batch number with a B suffix is a method blank.

A Lab ID consisting of a batch number with a S suffix is an LCS.

A Lab ID with a MS suffix is a matrix spike.

A Lab ID with a MSD suffix is a matrix spike duplicate.

9/20/2004 10:58:38

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030813
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WWH/2) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0383
Fax: 504.469.0388

Method: Med Soil GC Volatile Organics

Report: 2038496

Batch: 48904

Lab ID	Type and Qualifiers	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
20292425	Sample	101	96						
20292426	Sample	100	95						
20292427	Sample G1	369*	328*						
20292428	Sample	103	92						
20292429	Sample	99	86						
20293339	Sample	116	106						
20293502	Sample	97	89						
20293503	Sample	85	77						
20293504	Sample	89	83						
20294368	Sample	92	87						
20294670	Sample	90	84						
20294671	Sample	86	82						
48904B1	Blank	100	94						
48904MS	Spike	100	95						
48904MSD	Spike Dup	97	93						
48904S1	LCS	111	105						

QC limits: 70-130 70-130

Sur 1: 4-Bromofluorobenzene (PID) (S)

Sur 2: 4-Bromofluorobenzene (PID confirmat

* denotes surrogate recovery outside of QC limits.

D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.

A Lab ID consisting of a batch number with a B suffix is a method blank.

A Lab ID consisting of a batch number with a S suffix is an LCS.

A Lab ID with a MS suffix is a matrix spike.

A Lab ID with a MSD suffix is a matrix spike duplicate.

Laboratory Certifications:

Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013

Florida Dept. of Health/Hazardous Waste - E87595

Kansas Dept. of Health & Environment/ELWHW - E-10266

LELAP (NELAP WW/HZ) - 02006

EQB - Certified Puerto Rico Chemist

U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -

Foreign Soil Import (U.S. Territories)

9/20/2004 10:58:38



Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverchase Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

Method: Med Soil GC Organics

Report: 2038496

Batch: 48905

Lab ID	Type and Qualifiers	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
20292425	Sample		94						
20292426	Sample		92						
20292427	Sample G1 D1		2543D						
20292428	Sample		101						
20292429	Sample		101						
20292829	Sample		88						
20292830	Sample		80						
20292831	Sample		86						
20292832	Sample		90						
20292833	Sample		76						
20292834	Sample		76						
20292835	Sample		77						
20292836	Sample		74						
20292837	Sample		79						
20292838	Sample		85						
20292839	Sample		90						
20293502	Sample		95						
20293503	Sample		88						
20293504	Sample		87						
20295075	Sample G1		170*						
48905B1	Blank		99						
48905MS	Spike		95						
48905MSD	Spike Dup		97						
48905S1	LCS		99						

QC limits: 70-130

Sur 2: 4-Bromofluorobenzene (FID) (S)

* denotes surrogate recovery outside of QC limits.

D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.

A Lab ID consisting of a batch number with a B suffix is a method blank.

A Lab ID consisting of a batch number with a S suffix is an LCS.

A Lab ID with a MS suffix is a matrix spike.

A Lab ID with a MSD suffix is a matrix spike duplicate.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP) Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/H2) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)

9/20/2004 10:58:38



Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70067

Phone: 504.469.0233
Fax: 504.469.0555

Lab ID: 48736B1

Description: Low Soil Method Blan

Project No.: 2038496

Method: Low Soil GC Organics

Batch: 48736

Units: mg/kg

Prep Factor: 1

Leached:

Prepared: 07-Sep-04

Analyzed: 08-Sep-04 11:57 DGS

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
	TPH - Diesel Range Organics (C10-C2	1	ND		10.0
	TPH - Oil Range Organics (>C28-C40)	1	ND		50.0

2 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

9/20/2004 10:58:39

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E07595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.489.0333
Fax: 504.489.0555

Lab ID: 48736B2

Description: Low Soil Method Blan

Project No.: 2038496

Method: Low Soil GC Organics

Batch: 48736

Units: mg/kg

Prep Factor: 10

Leached:

Prepared: 07-Sep-04

Analyzed: 08-Sep-04 21:18

DGS

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
	TPH - Diesel Range Organics (C10-C2	1	ND		100.
	TPH - Oil Range Organics (>C28-C40)	1	ND		500.

2 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

9/20/2004 10:58:39

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E07595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EOB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70067

Phone: 504.469.0335
Fax: 504.469.0555

Lab ID: 48904B1

Description: Med Soil Method Blan

Project No.: 2038496

Method: Med Soil GC Volatile Organics

Batch: 48904

Units: ug/kg

Prep Factor: 1

Leached:

Prepared: 10-Sep-04

Analyzed: 13-Sep-04 16:58 LAE

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
71-43-2	Benzene	1	ND		25.0
100-41-4	Ethylbenzene	1	ND		25.0
1634-04-4	Methyl tert-butyl ether (MTBE)	1	ND		25.0
108-88-3	Toluene	1	ND		25.0
1330-20-7	m,p-Xylene	1	ND		50.0
95-47-6	o-Xylene	1	ND		25.0

6 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

9/20/2004 10:58:39

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70067

Phone: 504.469.0333
Fax: 504.469.0555

Lab ID: 48905B1

Description: Med Soil Method Blan

Project No.: 2038496

Method: Med Soil GC Organics

Batch: 48905

Units: ug/kg

Prep Factor: 1

Leached:

Prepared: 10-Sep-04

Analyzed: 14-Sep-04 02:12

LAE

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
	TPH - Gasoline Range Organics (C6-C	1	ND		2500

1 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

9/20/2004 10:58:39

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087
Phone: 504.468.0333
Fax: 504.462.0555

Project No.: 2038496

Wet Chemistry Quality Control Results

Parameter	Batch	Blank	ARL	Units	LCS Spike	LCS %Rec	LCS %Rec	LCS RPD	MS Spike	MS %Rec	MS %Rec	(1)MS RPD	DUP RPD	QC Limits		RPD	Qu
														LCS	MS/MSD	Max	
Flashpoint	48690			deg C	27	100						0		95 - 105	-	20	
pH	48693			S.U.	6	100						1		99 - 101	-	20	

#Error

ARL denotes Adjusted Reporting Limit, corrected for sample size, dilution and moisture content as applicable.

* denotes recovery outside of QC limits.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

9/20/2004 10:58:40

Laboratory Certifications:

Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E67595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)



Report Qualifiers

Pace Analytical Services, Inc.
1600 Riverbend Blvd. Suite F
Saint Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0335

Project No.: 2038496

Analyte Qualifiers

Qualifier	Qualifier Description
C3	The result for this parameter is not corrected for moisture content.
GT	The sample result is Greater Than the reported value.

9/20/2004 10:58:41

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator S & G Interest
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Florance AB #4
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) Florance AB #4		8. State: NM
9. <u>Circle One</u> : <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:
Tank Bottoms from flowback tanks

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE AJ Blair TITLE: _____ Manager _____ DATE: 3/09/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address S+G Intrest	2. Destination Name: I.E.I.
3. Originating Site (name): Florance AB#4	Location of the Waste (Street address &/or ULSR):
attach list of originating sites as appropriate	
4. Source and Description of Waste Tank Bottoms from floback Tank.	

Robert J. Sagle
Print Name

representative for ;

S+G Intrests I LTD

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature):

Title:

Date:

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410

Phone: (505) 334-6178 * Fax (505) 334-6170 * <http://www.emnrd.state.nm.us>

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator Burlington Resources
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Scott 102 S
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: M & M Trucking
7. Location of Material (Street Address or ULSTR) Unit B, Sec 34, T32N, R10W		8. State: NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Impacted soil by coal fines and produced coal well water

Estimated Volume 72 yards Known Volume (to be entered by the operator at the end of the haul) 72 Yards

SIGNATURE [Signature] TITLE: Manager DATE: 3/3/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenberg

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Burlington Resources 3401 E 30 th St. Farmington, New Mexico 87499	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410
3. Originating Site (name): Scott 102 S Unit B, SEC 34, T32N, R10 W attach list of originating sites as appropriate	
4. Source and Description of Waste Sand Wash. Approximately 30 cu yds sand impacted by coal fines and produced coal well water	
5.	

I, Gregg Wurtz representative for :
Print Name

Burlington Resources do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep

Date: 3/3/04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Kernigan B #1
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) Kernigan B #1		8. State: NM
9. <u>Circle One</u> : (A) All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Water and sand washed out of flowback frac tanks

Estimated Volume 10 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: _____ Manager _____ DATE: 3/2/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>B.P.</u> <u>200 Energy Ct.</u>	2. Destination Name: <u>INDUSTRIAL ECOSYSTEMS</u>
3. Originating Site (name): <u>KERDIGAD B #1</u> attach list of originating sites as appropriate	Location of the Waste (Street address &/or AULSTR):
4. Source and Description of Waste <u>WATER AND SAND from flowback tank</u>	

I, Benny O. Hill representative for: B.P.
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Benny O. Hill

Title: Well Supervisor

Date: 3-2-2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

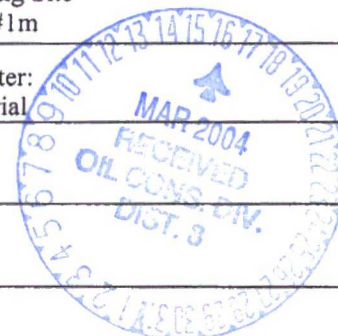
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site State GC K #1m
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) State GC K #1m		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		



BRIEF DESCRIPTION OF MATERIAL:

Water and sand washed out of flowback frac tanks

Estimated Volume 10 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: Manager DATE: 3/2/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division



CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>B.P.</u> <u>200 ENERGY CT.</u>	2. Destination Name: <u>Industrial Ecosystems</u>
3. Originating Site (name): <u>State G.C. K*1m</u> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste <u>Water AND SAND from flowback tank</u>	

I, Benny O. Hill representative for: B.P.
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Benny O. Hill

Title: well supervisor

Date: 3-2-2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Lindsey A # 1B
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) Lindsey A # 1B		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Water and sand washed out of flowback frac tanks

Estimated Volume 10 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: Manager DATE: 3/2/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenberg

Director

Oil Conservation Division



CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>B.P.</u> <u>200 Energy Ct.</u>	2. Destination Name: <u>INDUSTRIAL ECOSYSTEMS</u>
3. Originating Site (name): <u>Lindsey A #1 B</u> <small>attach list of originating sites as appropriate</small>	Location of the Waste (Street address &/or U/LSTR):
4. Source and Description of Waste <u>water AND SAND from flowback tank</u>	

I, Benny D. Hill
Print Name

representative for: B.P.

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Benny D. Hill

Title: Well Supervisor

Date: 3-2-2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator Basin Disposal
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Basin Disposal Facility
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Basin Disposal
7. Location of Material (Street Address or ULSTR) 200 Montana BLVD Bloomfield NM 87413		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:
BS&W from settling pond

Estimated Volume 2000 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE ABJ TITLE: _____ Manager _____ DATE: 3/2/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____

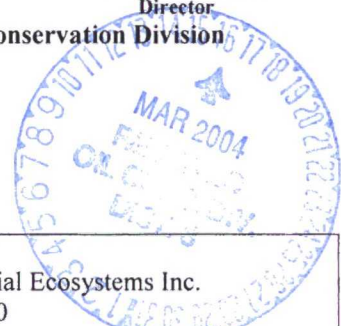


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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division



CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>BASIN DISPOSAL</i>	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410
3. Originating Site (name): <i>BASIN DISPOSAL</i> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): <i>200 MONTANA AVE CR 5046</i> <i>Bloomfield NM 87413</i>
4. Source and Description of Waste <i>BSW from settling pond</i>	

I, Jimmy V Barnes representative for :
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste ☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Jimmy V Barnes
Title: Plant Manager
Date: 3-2-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator . BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Lindsey A # 1B
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) Lindsey A # 1B		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Water and sand washed out of flowback frac tanks

Estimated Volume 10 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE  TITLE: Manager DATE: 3/2/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery

Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>B.P.</u> <u>200 Energy Ct.</u>	2. Destination Name: <u>INDUSTRIAL ECOSYSTEMS</u>
3. Originating Site (name): <u>Lindsey A #1 B</u> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste <u>water AND SAND from flowback tank</u>	

I, Benny D. Hill
Print Name

representative for : B.P.

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Benny D. Hill

Title: Well Supervisor

Date: 3-2-2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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Energy Minerals and Natural Resources
Oil Conservation Division
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Kernigan B #1
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) Kernigan B #1		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:
Water and sand washed out of flowback frac tanks

Estimated Volume 10 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: _____ Manager _____ DATE: 3/2/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>B.P.</u> <u>200 Energy Ct.</u>	2. Destination Name: <u>INDUSTRIAL ECOSYSTEMS</u>
3. Originating Site (name): <u>KERDIGAD B #1</u> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSR): <u>ULSTR</u>
4. Source and Description of Waste <u>WATER AND SAND from flowback tank</u>	

I, Benny O. Hill representative for: B.P.
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

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☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

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☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Benny O. Hill

Title: Well Supervisor

Date: 3-2-2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

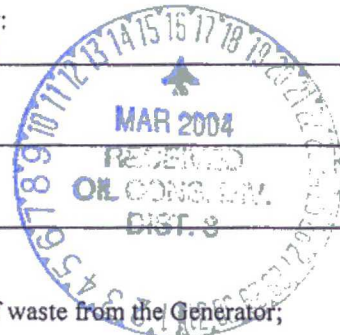
State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator Basin Disposal
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Basin Disposal Facility
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Basin Disposal
7. Location of Material (Street Address or ULSTR) 200 Montana BLVD Bloomfield NM 87413		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		



BRIEF DESCRIPTION OF MATERIAL:
BS&W from settling pond

Estimated Volume 2000 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE ABJ TITLE: _____ Manager _____ DATE: 3/2/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



FEB

NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENTGARY E. JOHNSON
Governor
Betty Rivera
Cabinet SecretaryLori Wrotenberg
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>BASIN DISPOSAL</i>	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410
3. Originating Site (name): <i>BASIN DISPOSAL</i> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): <i>200 MONTANA AVE CR 5046</i> <i>Bloomfield NM 87413</i>
4. Source and Description of Waste <i>BS&W from settling pond</i>	

I, *Jimmy V. Barnes* representative for :
Print Namedo hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)☒ EXEMPT oilfield waste ☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of CustodyThis waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.Name (Original Signature): *Jimmy V. Barnes*
Title: *Plant Manager*
Date: *3-2-04*

District I
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator . BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site State GC K #1m
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) State GC K #1m		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Water and sand washed out of flowback frac tanks

Estimated Volume 10 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: Manager DATE: 3/2/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>B.P.</u> <u>200 Energy Ct.</u>	2. Destination Name: <u>Industrial Eco Systems</u>
3. Originating Site (name): <u>State G.C. K¹m</u> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste <u>Water and sand from flowback tank</u>	

I, Benny O. Hill representative for: B.P.
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Benny O. Hill

Title: well Supervisor

Date: 3-2-2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Sitton Water Disposal
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) 1235 Village East Drive Bayfield CO 81122		8. State: NM
9. Circle One: (A) All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:
Produced water and tank bottom solids

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE AJ Blair TITLE: _____ Manager _____ DATE: 3/1/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Covernor
Betty Rivera
Cabinet Secretary

Lori Wrotonbery

Director
Oil Conservation Division



CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>bp AMERICA</u> <u>2906 CO RD 307</u> <u>DURANGO CO</u>	2. Destination Name: <u>INDUSTRIAL ECOSYSTEMS</u> <u>420 CO RD 3100</u> <u>AZTEC N.M. 87410</u>
3. Originating Site (name): <u>SITION WATER DISPOSAL</u> <u>1235 VILLAGE EAST DRIVE BAYFIELD CO 81122</u> <small>attach list of originating sites as appropriate</small>	
4. Source and Description of Waste <u>WATER AND TANK BOTTOM SOLIDS</u>	

I, BRUCE PLOTT representative for:
Print Name

bp AMERICA do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Bruce A Plott

Title: OPERATIONS SPECIALIST

Date: 3-1-04

Oil Conservation Division • 1000 Rio Brazos Road • Aztec, New Mexico 87410
Phone: (505) 334-6178 • Fax (505) 334-6170 • <http://www.emnrd.state.nm.us>

Paykey# ZBSP08LABR Joborder # 200313600

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator Burlington Resources
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Pipe Storage Yard, Tuboscope
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) #30 Road 3351 Farmington New Mexico		8. State: NM
9. <u>Circle One</u> : A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Bottom sludge and waste consisting of petroleum impacted sands and silts

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: Manager DATE: 3/1/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

**Governor
Betty Rivera
Cabinet Secretary**

Lori Wrotenbery
Director

Oil Conservation Division



CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Burlington Resources 3401 E 30 th . St. Farmington, New Mexico 87499	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410
3. Originating Site (name): Burlington Resources Pipe Storage Yard, Tuboscope Crouch Mesa #30 Road 3351 Farmington, New Mexico attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste Source: Oil storage tank cleaning. Description: Bottom sludge and waste consisting of petroleum impacted sands and silts.	
5.	

I, Gregg Wurtz representative for :
Print Name

Burlington Resources do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

X EXEMPT oilfield waste

____ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

MSDS Information

Other (description

RCRA Hazardous Waste Analysis

Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gross Wm F

Title: Enw. Rep

Date: 3/1/04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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Santa Fe, NM 87505

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Sutton Water Disposal
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) 1235 Village East Drive Bayfield CO 81122		8. State: NM
9. <u>Circle One</u> : <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Produced water and tank bottom solids

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE AJ Blair TITLE: Manager DATE: 3/1/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Covernor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery

Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>bp AMERICA</u> <u>2906 CO RD 307</u> <u>DURANGO CO</u>	2. Destination Name: <u>INDUSTRIAL ECOSYSTEMS</u> <u>420 CO RD 3100</u> <u>AZTEC N.M. 87410</u>
3. Originating Site (name): <u>SITTON WATER DISPOSAL</u> <u>1235 VILLAGE EAST DRIVE BAYFIELD CO 81122</u> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste <u>WATER AND TANK BOTTOM SOLIDS</u>	



I, BRUCE PLOTT
Print Name

representative for:

bp AMERICA do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

☐ Other (description)

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Bruce A Plott

Title: OPERATIONS SPECIALIST

Date: 3-1-04

Oil Conservation Division • 1000 Rio Brazos Road • Aztec, New Mexico 87410
Phone: (505) 334-6178 • Fax (505) 334-6170 • <http://www.emnrd.state.nm.us>

paykey# ZBSP08LABR Joborder # 200313600

District I
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District II
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District IV
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1220 South St. Francis Dr.
Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator Burlington Resources 5. Originating Site Pipe Storage Yard, Tuboscope 6. Transporter: Riley Industrial 8. State: NM
2. Management Facility Destination JFJ Landfarm L.L.C.	
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	
7. Location of Material (Street Address or ULSTR) #30 Road 3351 Farmington New Mexico	
9. <u>Circle One</u> : A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Bottom sludge and waste consisting of petroleum impacted sands and silts

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: _____ Manager _____ DATE: 3/1/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

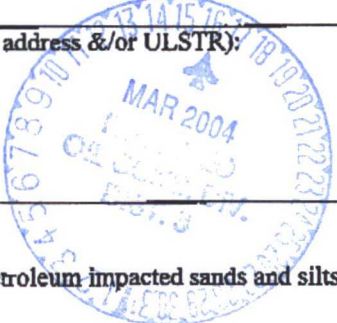
GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Burlington Resources 3401 E 30 th . St. Farmington, New Mexico 87499	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410
3. Originating Site (name): Burlington Resources Pipe Storage Yard, Tuboscope Crouch Mesa #30 Road 3351 Farmington, New Mexico attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): 
4. Source and Description of Waste Source: Oil storage tank cleaning. Description: Bottom sludge and waste consisting of petroleum impacted sands and silts.	
5.	

I, Gregg Wurtz representative for :
 Print Name

Burlington Resources do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste ☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep

Date: 3/1/04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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Oil Conservation Division
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Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.	5. Originating Site Florance AE #1
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) 25, 30N, 10 W	8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:
Frac fluid and sand

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE  TITLE: _____ Manager _____ DATE: 2/27/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>BP</u> <u>200 ENERGY COURT</u> <u>FARMINGTON, N.M. 87401</u>	2. Destination Name: <u>U FV LAND FARM</u>
3. Originating Site (name): <u>FLORANCE AE 1</u>	Location of the Waste (Street address &/or ULSTR): <u>SEC 25, TWN 30, R8 10W</u>
attach list of originating sites as appropriate	
4. Source and Description of Waste <u>FRAC FLUID & SAND</u>	

1. JOE BALKUS representative for :
Print Name

BP do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

☐ Other (description)

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Joe Balkus

Title: WELLS TEAM SPECIALIST

Date: 2-27-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Florance AE #1
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) 25, 30N, 10 W		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:
Frac fluid and sand

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE AJ Blair TITLE: Manager DATE: 2/27/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address BP 200 ENERGY COURT FARMINGTON, N.M. 87401	2. Destination Name: U FV LAND FARM
3. Originating Site (name): FLORANCE AE 1	Location of the Waste (Street address &/or ULSTR): SEC 25, TWN 30, R8 10W
attach list of originating sites as appropriate	
4. Source and Description of Waste FRAC FLUID & SAND	

I, JOE TALKUS representative for :
Print Name

BP do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Joe Talkus

Title: WELLS TEAM SPECIALIST

Date: 2-27-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

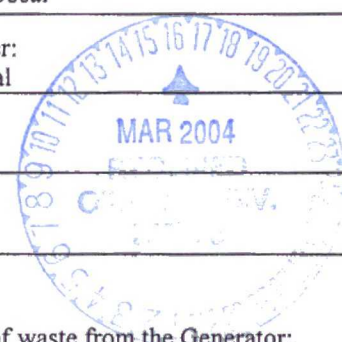
State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site GCU 306 Disposal
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) S19, T29, R12, NE SE		8. State: NM
9. Circle One: (A) All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		



BRIEF DESCRIPTION OF MATERIAL:
BS&W

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: _____ Manager _____ DATE: 2/26/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____	TITLE: _____	DATE: _____
APPROVED BY: _____	TITLE: _____	DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

2-25-04

Lori Wrotenbery
Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address BP America	2. Destination Name: Land Farm J F J
3. Originating Site (name): GCA 306 - Disposal	Location of the Waste (Street address &/or ULSTR): S 19 T 29 R 12, NE SE
attach list of originating sites as appropriate	
4. Source and Description of Waste BS + W	

I, Joe Archuleta representative for :
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): [Signature]

Title: Op Specialist

Date: 2-26-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator . BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site GCU 306 Disposal
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) S19, T29, R12, NE SE		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:
BS&W

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: _____ Manager _____ DATE: 2/26/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

2-25-04

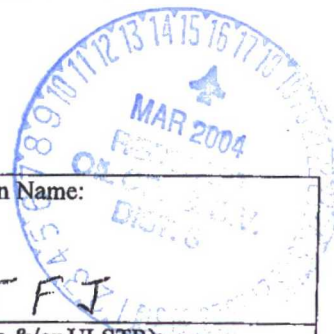
Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address BP America	2. Destination Name: Land Farm JFI
3. Originating Site (name): GCU 306 - Disposal	Location of the Waste (Street address &/or ULSTR): S19T29R12, NE SE
attach list of originating sites as appropriate	
4. Source and Description of Waste BS + W	



I, Joe Archuleta representative for :
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

☐ Other (description)

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): [Signature]

Title: Op Specialist

Date: 2-26-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator XTO
2. Management Facility Destination JFJ Landfarm L.L.C.	5. Originating Site Hare GC I #1
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Inland Trucking
7. Location of Material (Street Address or ULSTR) (E) 23-T29N-R11W	8. State: NM
9. <u>Circle One</u> : (A) All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Soil contaminated with well condensate from overspray or leakage from steel 21 bbl blow pit

Estimated Volume 160 yards Known Volume (to be entered by the operator at the end of the haul) 160 Yards

SIGNATURE [Signature] TITLE: Manager DATE: 2/25/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____	TITLE: _____	DATE: _____
APPROVED BY: _____	TITLE: _____	DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSONGovernor
Betty Rivera
Cabinet Secretary**Lori Wrotenbery**Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address XTO ENERGY, INC 2700 FARMINGTON AVE, BLDG K, SEC 1 FARMINGTON, NM 87401	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410
3. Originating Site (name): HARE GC I #1 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): (E) 23-TZ9N-R 11W
4. Source and Description of Waste SOIL CONTAMINATED WITH WELL CONDENSATE FROM OVERSPRAY OR LEAKAGE FROM STEEL 21 BBL BLOW PIT.	

I, **JEFFREY C. BLAGG** representative for :
Print Name**XTO ENERGY INC** do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)☒ **EXEMPT** oilfield waste☐ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):☐ MSDS Information☐ Other (description)☐ RCRA Hazardous Waste Analysis☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): **Jeffrey C. Blagg**Title: **AGENT**Date: **FEB 25, 2004**

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator XTO
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Hare GC I #1
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Inland Trucking
7. Location of Material (Street Address or ULSTR) (E) 23-T29N-R11W		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Soil contaminated with well condensate from overspray or leakage from steel 21 bbl blow pit

Estimated Volume 160 yards Known Volume (to be entered by the operator at the end of the haul) 160 Yards

SIGNATURE AJ Blair TITLE: Manager DATE: 2/25/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSONGovernor
Betty Rivera
Cabinet Secretary**Lori Wrotenberg**Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address XTO ENERGY, INC 2700 FARMINGTON AVE, BLDG K, SEC 1 FARMINGTON, NM 87401	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410
3. Originating Site (name): HARE GC I #1 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): (E) 23-T29N-R 11W
4. Source and Description of Waste SOIL CONTAMINATED WITH WELL CONDENSATE FROM OVERSPRAY OR LEAKAGE FROM STEEL 21 BBL BLOW PIT.	

I, JEFFREY C. BLAGG representative for :
Print NameXTO ENERGY INC do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)☒ EXEMPT oilfield waste ☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of CustodyThis waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.Name (Original Signature): Jeffrey C. BlaggTitle: AGENTDate: FEB 25, 2004

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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Energy Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

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Revised March 17, 1999
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator XTO
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Garson GC #1E
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Inland Trucking
7. Location of Material (Street Address or ULSTR) F-32-30-12		8. State: NM
9. Circle One: <input checked="" type="radio"/> A All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Produced water, glycol by product

Estimated Volume 396 yards Known Volume (to be entered by the operator at the end of the haul) 396 Yards

SIGNATURE [Signature] TITLE: Manager DATE: 2/23/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>XTO ENERGY INC</u> <u>2700 FARMINGTON AVE. SUITE K</u> <u>FARMINGTON, NM 87401</u>	2. Destination Name: <u>J.F.J. Landfarm</u> C/o Industrial Ecosystems Inc. <u>420 CR 3100 Aztec, NM 87410</u>
3. Originating Site (name): <u>CARSON GC #1E</u>	Location of the Waste (Street address &/or ULSTR): <u>F-32-30-12</u>
attach list of originating sites as appropriate	
4. Source and Description of Waste <u>DEHYDRATOR PIT FROM WELL SITE</u> <u>WASTE SPECIFIED AS PRODUCED WATER, GLYCOL BY PRODUCT</u> <u>(MOST LIKELY) ^</u> <u>nm</u>	

I, NELSON VELEZ representative for :
Print Name

XTO ENERGY INC. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☒ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☒ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Nelson Velez

Title: STAFF GEOLOGIST

Date: 2/23/04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator Breck Operating
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Kutz Government #10
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) G, Section 18, T28N, R10W		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms from blow pit

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: Manager DATE: 2/20/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>BRICK OPERATING 87410</i>	2. Destination Name: <i>J.F.J. Landfarm C/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410</i>
3. Originating Site (name): <i>KUTZ GOVERNMENT #10</i> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): <i>G, S&T 18, T28 N, R10 W</i>
4. Source and Description of Waste <i>BLW PIT BOTTOM</i>	

I, *Van Andrews*
Print Name

representative for :

BRICK OPERATING do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): *Van Andrews*

Title: *PRODUCTION FOREMAN*

Date: *2/20/04*

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator Breck Operating
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Kutz Government #9
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) G, Section 18, T28N, R10W		8. State: NM
9. <u>Circle One</u> : A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms from blow pit

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: Manager DATE: 2/20/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet SecretaryLori Wrotenbery
Director

Oil Conservation Division

MAR 2004

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>7415 E. MAIN</u> <u>FARMINGTON, NM</u> <u>BRACK OPERATING 87402</u>	2. Destination Name: <u>J.P.J. Landfarm C/o Industrial Ecosystems Inc.</u> <u>#81 CR 3250 Aztec, NM 87410</u>
3. Originating Site (name): <u>KUTZ GOVERNMENT #9</u> attach list of originating sites as appropriate	
4. Source and Description of Waste <u>BLOW PIT BOTTOM</u>	

I, VERA ANDREWS
Print Name

representative for:

BRACK OPERATINGdo hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)☒ EXEMPT oilfield waste☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Chain of Custody☐ Other (description)This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.Name (Original Signature): Vera AndrewsTitle: PRODUCTION FORMERDate: 2/20/04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator Breck Operating 5. Originating Site Kutz Government #10 6. Transporter: Riley Industrial 8. State: NM
2. Management Facility Destination JFJ Landfarm L.L.C.	
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	
7. Location of Material (Street Address or ULSTR) G, Section 18, T28N, R10W	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms from blow pit

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE AJ Blair TITLE: Manager DATE: 2/20/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery

Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>BRICK OPERATING</u> <u>7415 E. MAIN</u> <u>FARMINGTON NM 87410</u>	2. Destination Name: <u>J.F.J. Landfarm C/o Industrial Ecosystems Inc.</u> <u>#81 CR 3250 Aztec, NM 87410</u>
3. Originating Site (name): <u>KUTZ GOVERNMENT #10</u> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): <u>G, S&T 18, T28N, R10W</u>
4. Source and Description of Waste <u>BELOW PIT BOTTOM</u>	

I, Van Andrews
Print Name

representative for:

BRICK OPERATING do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody☐ Other (description)

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Van AndrewsTitle: Production ForemanDate: 2/20/04

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator Breck Operating 5. Originating Site Kutz Government #9 6. Transporter: Riley Industrial 8. State: NM
2. Management Facility Destination JFJ Landfarm L.L.C.	
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	
7. Location of Material (Street Address or ULSTR) G, Section 18, T28N, R10W	
9. Circle One: <input checked="" type="radio"/> A All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms from blow pit

Estimated Volume 60 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: _____ Manager _____ DATE: 2/20/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenberry

Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>7415 E. MAIN</u> <u>FAIRMONT, NM</u> <u>BRACK OPERATING 87402</u>	2. Destination Name: <u>J.F.J. Landfarm C/o Industrial Ecosystems Inc.</u> <u>#81 CR 3250 Aztec, NM 87410</u>
3. Originating Site (name): <u>KUTZ GOVERNMENT #9</u> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): <u>E, SECT. 20, T2EN, R10W</u>
4. Source and Description of Waste <u>BLOW PIT BOTTOM</u>	

I, VERN ANDREWS
Print Name

representative for :

BRACK OPERATING

I do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Vern Andrews

Title:

PRODUCTION FORMER

Date:

2/20/04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

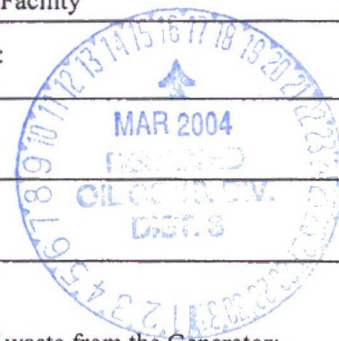
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator . Basin Disposal
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Basin Disposal Facility
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Basin Disposal
7. Location of Material (Street Address or ULSTR) 200 Montana BLVD Bloomfield NM 87413		8. State: NM
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		



BRIEF DESCRIPTION OF MATERIAL:
BS&W from settling pond

Estimated Volume 2000 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: Manager DATE: 2/10/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____



FEB

NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenberg

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>BASIN DISPOSAL</i>	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410
3. Originating Site (name): <i>BASIN DISPOSAL</i> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): <i>200 MONTANA AVE CR 5046</i> <i>Bloomfield NM 87413</i>
4. Source and Description of Waste <i>BSW from settling pond</i>	

I, Timmy V. BARNES
Print Name

representative for :

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information☐ Other (description)☐ RCRA Hazardous Waste Analysis☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Timmy V. BarnesTitle: Plant ManagerDate: 2-10-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator Basin Disposal 5. Originating Site Basin Disposal Facility 6. Transporter: Basin Disposal 8. State: NM
2. Management Facility Destination JFJ Landfarm L.L.C.	
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	
7. Location of Material (Street Address or ULSTR) 200 Montana BLVD Bloomfield NM 87413	
9. Circle One: <input checked="" type="radio"/> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:
BS&W from settling pond

Estimated Volume 2000 bbls Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE [Signature] TITLE: _____ Manager _____ DATE: 2/10/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



FEB

NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet SecretaryLori Wrotenberg
Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>BASIN DISPOSAL</i>	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410
3. Originating Site (name): <i>BASIN DISPOSAL</i> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): <i>200 MONTANA AVE CR 5046</i> <i>Bloomfield NM 87413</i>
4. Source and Description of Waste <i>BS&W from settling Pond</i>	

I, Timmy V. BARNES representative for :
Print Namedo hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)☒ EXEMPT oilfield waste ☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of CustodyThis waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.Name (Original Signature): Timmy V. Barnes
Title: Plant Manager
Date: 2-10-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

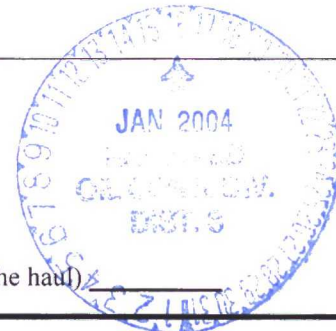
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP 200 Energy Court Farmington NM 87401
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Blanco LS 12
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) T28N R8W Sec36		8. State: NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:
Hydrocarbon impacted frac sand



Estimated Volume 10 Yards Known Volume (to be entered by the operator at the end of the haul)

SIGNATURE AJ Blair TITLE: Manager DATE: 1/12/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: [Signature] TITLE: Enviro/ Engr DATE: 1/16/04
APPROVED BY: Chad T. R. TITLE: OGC Ins DATE: 1/16/04



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>BP</u> <u>200 Energy Court</u> <u>Farmington, N.M. 87401</u>	2. Destination Name: <u>JFJ Landfarm</u>
3. Originating Site (name): <u>BLANCO L5 12</u>	Location of the Waste (Street address &/or ULSTR): <u>T28N - R8W - Sec 36</u>
attach list of originating sites as appropriate	
4. Source and Description of Waste <u>FRAC SAND</u>	

I, Rick Vaejlio representative for:
Print Name

BP do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

☐ Other (description)

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Rick Vaejlio

Title: Operations Specialist

Date: 1-12-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Fields A2A
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Scat Hotwash
7. Location of Material (Street Address or ULSTR) Sec 25, T 32N, R11W		8. State: NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Hydrocarbon contaminated frac fluid and sand

Estimated Volume 60 BBLS Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE AJ Blair TITLE: Manager DATE: 1/12/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Fuent TITLE: Enviro/Engr DATE: 1/16/04
APPROVED BY: Chad R TITLE: Deputy Dir DATE: 1/16/04



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address BP 300 ENERGY COURT FARMINGTON N.M. 87401	2. Destination Name: JFJ LANDFARM
3. Originating Site (name): FIELDS A 2 A	Location of the Waste (Street address &/or ULSTR): SEC 25, T 32N, R 11W
attach list of originating sites as appropriate	
4. Source and Description of Waste FRAC FLUID & SAND	

I, **JOE BALKUS** representative for :
Print Name

BP do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): **Joe Balkus**

Title: **WELLS TEAM SPECIALIST**

Date: **1-12-04**

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator BP
2. Management Facility Destination JFJ Landfarm L.L.C.	5. Originating Site Sitton Water Disposal
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Scat Hotwash
7. Location of Material (Street Address or ULSTR) 1235 Village E Drive Bayfield Colorado 81122	8. State: NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Tank bottom sludge and water used to clean the tank bottoms

Estimated Volume 80 BBLS Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE AJ Blair TITLE: _____ Manager _____ DATE: 1/07/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Gent TITLE: Enviro/ Engr DATE: 1/16/04
APPROVED BY: Chad H TITLE: Deputy Admin DATE: 1/16/04



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenberg

Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address bp AMERICA 2906 CO RD 307 DURANGO CO	2. Destination Name: INDUSTRIAL ECOSYSTEMS INC. CROUCH MESA LAND TREATMENT SITE 420 CR 3100 SAN JUAN CO NEW MEXICO
3. Originating Site (name): SITON WATER DISPOSAL SITE 1235 VILLAGE EAST DRIVE BAYFIELD CO 81122 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSR):
4. Source and Description of Waste WATER TANK BOTTOMS SOLIDS AND WATER USED TO CLEAN THE TANK BOTTOMS	

I, BRUCE PLOTT representative for:

Print Name

bp AMERICA do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Bruce A. Plott

Title: OPERATIONS SPECIALIST

Date: 1-7-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator Burlington Resources
2. Management Facility Destination JFJ Landfarm L.L.C.	5. Originating Site McGrath SWD #4
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Riley Industrial
7. Location of Material (Street Address or ULSTR) SW; S34; T30N; R12W	8. State: NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Tank bottom sludge and water used to clean the tank bottoms

Estimated Volume 800 BBLS Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE AJ Blair TITLE: _____ Manager _____ DATE: 1/06/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Farris TITLE: Enviro/Engl DATE: 1/16/04
APPROVED BY: Charles R TITLE: Deputy Dir DATE: 1/16/04



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Burlington Resources 3401 E 30 th St. Farmington, New Mexico 87499	2. Destination Name: Industrial Ecosystems Inc.
3. Originating Site (name): McGrath SWD #4	Location of the Waste (Street address &/or ULSTR): McGrath SWD #4 Unit: SW Section: 34 Township: 30N Range: 12W
attach list of originating sites as appropriate	
4. Source and Description of Waste BS&W Tank Bottoms out of mud pit.	
5.	

I, Renae Beyale representative for :
Print Name

Burlington Resources do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ **EXEMPT** oilfield waste ☐ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): *Renae Beyale*

Title: *Prod Spec*

Date: *1-6-04*

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87401
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505



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Revised March 17, 1999

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OIL CONSERVATION
DIVISION

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator El Paso Field Services Co 614 Reilly Ave Farmington NM 87401
2. Management Facility Destination JFJ Landfarm L.L.C.	5. Originating Site Chaco Plant
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: M&R
7. Location of Material (Street Address or ULSTR) SW/4 Section 16, T26N, R12W, San Juan Co., NM	8. State: NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Spent phosphoric acid from fin-fan cooler cleaning - neutralized with liquid caustic soda

Estimated Volume 320 BBLS Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE AJ Blair
Waste Management Facility Authorized Agent

TITLE: Manager

DATE: 1/02/04

TYPE OR PRINT NAME: AJ Blair

TELEPHONE NO. (505) 632-1782

APPROVED BY: <u>[Signature]</u>	DATE: <u>1/02/04</u>
APPROVED BY: <u>[Signature]</u>	DATE: <u>1/02/04</u>

I approved this to go to JFJ and it probably should have gone to Key. Key transport only remains a problem

APPROVED BY: Derry Hunt TITLE: Enviro/Engk DATE: 1/08/04
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

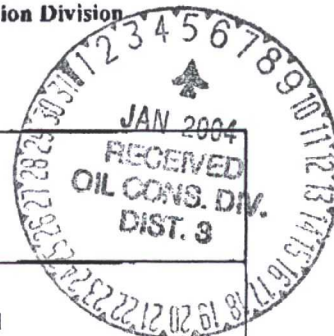
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Governor
Joanna Prukop
Cabinet Secretary

Post-It® Fax Note	7671	Date	1/2/04	# of pages	2
To	A.J.	From	David Bays		
Co./Dept.	Industrial Ecology	Co.	EPFS		
Phone #		Phone #	599-2276		
Fax #	1-32-1876	Fax #	599-2284		

ri Wrotenbery
Director
ervation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: El Paso Field Services Co. 614 Reilly Avenue Farmington, NM 87401	2. Destination Name: Envirotech Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Chaco Plant	Location of Waste (Street address &/or ULSTR): SW/4 Section 16, T26N, R12W, San Juan Co., NM
attach list of originating sites as appropriate	
4. Source and Description of Waste Spent phosphoric acid from fin-fan cooler cleaning - neutralized with liquid caustic soda	



I, David Bays representative for:
Print Name

El Paso Field Services Co. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988 regulatory determination, the above described waste is:
(Check appropriate classification)

☐ EXEMPT Oilfield waste

☒ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-hazardous waste defined above.

For NON-EXEMPT waste only, the following documentation is attached (check appropriate items):

☒ MSDS Information ☐ Other (description)
☒ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This Waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): David Bays

Title: Principal Environmental Scientist

Date: January 2, 2004

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, NM87410
Phone: (505) 334-6178 * Fax (505) 334-6170 * <http://www.emnrd.state.nm.us>



Sierra Chemicals L.C.
104 Bison Trail Aztec N.M. 87410
Phone (505)-334-6449 Fax (505)-334-9530

TECHNICAL ANALYSIS

Date: 1/2/04

Sierra Rep: J.M.

Code: 10100875

Sampling Point/Date: Tank Valve 12/30/03

State: New Mexico

Company: El Paso - Chaco Plant

County: San Juan

Formation: N.A.

Lease:

Well:

Description: Waste Water pH Testing

Identification: pH #1 6.8

pH #2 7.2

pH #3 6.9

Remarks: Sierra Chemicals ran three pH tests one hour apart as the waste water was being circulated. The average of the 3 tests is a pH = 6.96



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	pH #2	7.2
	pH #3	6.9

Remarks: Sierra Chemicals ran three pH tests one hour apart as the waste water was being circulated. The average of the 3 tests is a pH = 6.96

ATTN: Dave @ Seis Chem

Material Safety Data Sheet

Material Name: Sodium Hydroxide (Caustic Soda)

ID: C1-142

*** Section 1 - Chemical Product and Company Identification ***

Part Number: Technical Flake, Micropearls, and Beads

Chemical Name: Sodium Hydroxide (Caustic Soda)

Product Use: For Commercial Use

Synonyms: Caustic soda; Sodium hydrate; Lye; White caustic; Liquid caustic. 25%

Manufacturer Information

Chem One Corporation (Importer of record)

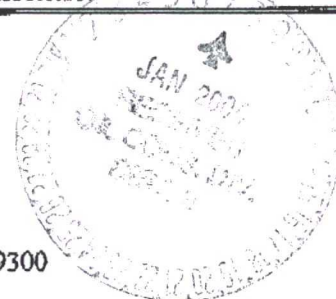
15150 Sommermeyer, Suite 100

Houston, Texas 77041-5308

Phone: (713) 896-9966

Fax: (713) 896-7540

Emergency # 1-800-424-9300



General Comments

NOTE: Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

*** Section 2 - Composition / Information on Ingredients ***

CAS #	Component	Percent
1310-73-2	Sodium Hydroxide	98-100

Component Information/Information on Non-Hazardous Components

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

*** Section 3 - Hazards Identification ***

Emergency Overview

Product is a white, non-volatile solid available in flake, micropearl, and bead form. Corrosive. May cause severe burns to eyes and skin. Causes respiratory tract irritation. Harmful or fatal if swallowed. Contact with water may generate heat and ignite combustible materials. Sodium hydroxide is one of the strongest alkaline caustics, and can react violently when in contact with many other substances. Keep away from water, strong acids, metals, organohalogen compounds, and nitro and chloro organic compounds.

Hazard Statements

DANGER -- CORROSIVE. CAUSES SEVERE IRRITATION AND BURNS TO THE EYES, SKIN, AND DIGESTIVE TRACT. CAUSES RESPIRATORY TRACT IRRITATION. MAY BE FATAL IF SWALLOWED. Do not get in eyes, on skin, or on clothing. Do not breathe dust or mist. Wash thoroughly after handling. Keep container closed. Use only with adequate ventilation. Keep away from water, strong acids, metals, organohalogen compounds, and nitro and chloro organic compounds.

Potential Health Effects: Eyes

Corrosive to eyes. Contact of the solid or concentrated liquid with the eyes can disintegrate the corneal and conjunctival epithelia and cause corneal opacification. Symptoms can include scarring, blistering, ulceration, clouding of the eye tissue, and blindness. Delayed effects may include glaucoma and cataracts.

Potential Health Effects: Skin

Corrosive to the skin. Can cause severe burns, ulceration and permanent scarring. Damage to skin may not be apparent until many hours following exposure.

Potential Health Effects: Ingestion

Harmful or fatal if swallowed. Ingestion causes severe irritation of the mouth, throat, and esophagus. Symptoms may include burning pain, vomiting, diarrhea, hypersalivation, shortness of breath, potential glottic edema with respiratory compromise, collapse and possibly death. Concentrated solutions can cause perforation of the stomach or gastrointestinal tract and corrosion and necrosis of the lips, mouth, tongue, pharynx, esophagus, and gastric mucosa.

Potential Health Effects: Inhalation

May cause irritation or inflammation of the nose, throat, and lungs. Inhalation of the aerosol may cause fluid accumulation in the lungs. Effects of inhalation may be delayed. Overexposure may cause ulceration of nasal passages. Chronic overexposure may cause obstructive airway disease.

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 1 Pers. Prot.: chemical goggles/face shield, impervious gloves, apron

Material Safety Data Sheet

Material Name: Sodium Hydroxide (Caustic Soda)

ID: C1-142

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Immediately flush the contaminated eye with plenty of water for 15 minutes. If irritation persists, seek medical advice immediately.

First Aid: Skin

Superficial irrigation of the burn is helpful only if begun immediately after exposure. Immediately irrigate exposed skin with copious amounts of water for at least 15 minutes or longer, depending on the concentration, amount, and duration of exposure. Seek medical advice. Completely decontaminate clothing, shoes, and leather goods before reuse. SEVERE BURNS CAN OCCUR EVEN WITH DILUTE SOLUTIONS IF THE TISSUE IS NOT PROMPTLY DECONTAMINATED.

First Aid: Ingestion

Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Immediately give 4 to 8 ounces of water or milk. Obtain medical advice immediately.

First Aid: Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If symptoms persist, obtain medical advice immediately.

First Aid: Notes to Physician

Provide general supportive measures. Prolonged skin irrigation may be required in severe cases, occasionally up to 12 to 24 hours. Debridement of the burn and skin grafting are more successful if performed early, and may prevent delayed necrosis.

*** Section 5 - Fire Fighting Measures ***

Flash Point: Not applicable

Method Used: Not applicable

Upper Flammable Limit (UFL): Not applicable

Lower Flammable Limit (LFL): Not applicable

Auto Ignition: Not available

Flammability Classification: Not applicable

Rate of Burning: Not applicable

General Fire Hazards

Product will not burn or support combustion. Water reactive. If in contact with moisture or water, this product can create a considerable amount of heat and ignite combustible materials.

Hazardous Combustion Products

Fire may produce irritating, corrosive and/or toxic gases. Some are oxidizers and may ignite combustibles. Can produce flammable hydrogen gas upon reaction with most metals. When heated to decomposition, it emits toxic fumes of sodium oxide, peroxides, or carbonates.

Extinguishing Media

Use any method suitable for surrounding fire. Water can be used to extinguish fire as long as the water does not come into contact with the sodium hydroxide. Use water spray to keep fire-exposed containers cool.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus. Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution. Sodium hydroxide can melt and flow when heated.

NFPA Ratings: Health: 3 Fire: 0 Reactivity: 1 Other:

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Stop or reduce leak if safe to do so.

Clean-Up Procedures

Eliminate all ignition sources. Prevent material from entering sewers or waterways. Put material in suitable, covered, labeled containers.

Evacuation Procedures

Keep unnecessary personnel away. Close off area.

Material Safety Data Sheet

Material Name: Sodium Hydroxide (Caustic Soda)

ID: C1-142

Special Procedures

Wear adequate personal protective equipment. Do not allow the material to contact eyes, skin, or clothing. Do not inhale dusts. Ventilate the area.

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid generation of dusts. Do not inhale dusts. Do not allow product to contact eyes, skin, or clothing. Use in designated areas with adequate ventilation. Use caution when preparing solutions as large amounts of heat may evolve. Solutions are extremely corrosive. Keep in air-tight containers. Wash hands thoroughly after handling. Do not reuse the empty container.

Storage Procedures

Store in a cool, dry, well-ventilated area. Store in suitable labeled containers. Solutions are extremely corrosive. Keep the container tightly closed -- product rapidly absorbs carbon dioxide and water from the air. Containers of nickel alloys are preferred.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

A: General Product Information

Follow the ACGIH recommended exposure limits.

B: Component Exposure Limits

Sodium Hydroxide (1310-73-2)

ACGIH: C 2 mg/m³

OSHA: C 2 mg/m³

NIOSH: C 2 mg/m³

Engineering Controls

Use general mechanical ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Chemical goggles, and a face shield if splashing is possible.

Personal Protective Equipment: Skin

Wear appropriate work gloves for type of operation. Neoprene or polyvinyl chloride gloves are recommended. Gloves should be tested to determine their suitability for prolonged contact with this material. Use of protective coveralls and long sleeves is recommended.

Personal Protective Equipment: Respiratory

If airborne concentrations are above the applicable exposure limits, use NIOSH-approved respiratory protection.

Personal Protective Equipment: General

Eyewash fountains and emergency showers are required. Use good hygiene practices when handling this material including changing and laundering work clothing after use.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	White	Odor:	Odorless
Physical State:	Solid	pH:	14 (5% solution)
Vapor Pressure:	Zero	Vapor Density:	Not applicable
Boiling Point:	2534 deg F (1390 deg C) @ 760 mmHg	Melting Point:	605.1 deg F (318.4 deg C)
Solubility (H ₂ O):	1 g dissolves in 0.9 ml water	Specific Gravity:	2.130 @ 20 deg C (water=1)
Freezing Point:	Not applicable	Particle Size:	Not determined
Softening Point:	Not applicable	Bulk Density:	Not available
Molecular Weight:	40.01		

Material Safety Data Sheet

Material Name: Sodium Hydroxide (Caustic Soda)

ID: C1-142

Physical Properties: Additional Information

The data provided in this section is to be used for product safety handling purposes. Please refer to Product Data Sheets, Certificates of Conformity or Certificates of Analysis for chemical and physical data for determinations of quality and for formulation purposes.

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

Stable.

Chemical Stability: Conditions to Avoid

Avoid contact with moisture, water, and all other incompatible materials listed in Section 10.

Incompatibility

Acids - may react violently.

Water - reaction may generate enough heat to ignite combustible materials.

Metals (such as aluminum, tin and zinc) - reaction may produce flammable and explosive hydrogen gas.

Organohalogen compounds - may react to form spontaneously combustible compounds.

Nitro and chloro organic compounds - may react explosively.

Aluminum + arsenic compounds - form the poisonous gas arsine.

1,2,4,5-tetrachlorobenzene - vigorous reaction, forms extremely toxic 2,3,7,8-tetrachlorodibenzodioxin.

Potentially explosive reaction with bromine; 4-chlorobutyronitrile; 4-chloro-2-methylphenol (in storage); nitrobenzene + heat; sodium tetrahydroborate; 2,2,2-trichloroethanol; zirconium + heat.

Reacts to form explosive products with ammonia + silver nitrate, and trichloroethylene.

Under certain conditions of temperature and pressure it can ignite or react violently with acetic acid; acetaldehyde; acetic anhydride; acrolein; acrylonitrile; allyl alcohol; allyl chloride; aluminum; chloroform + methanol; hydrochloric acid; hydrofluoric acid; maleic anhydride; nitric acid; oleum; phosphorous; sulfuric acid; diborane + octanol oxime; hydroquinone; 4-methyl-2-nitrophenol; and cinnamaldehyde.

Hazardous Decomposition

Fire may produce irritating, corrosive and/or toxic gases. Some are oxidizers and may ignite combustibles. Can produce flammable hydrogen gas upon reaction with most metals. When heated to decomposition, it emits toxic fumes of sodium oxide, peroxides, or carbonates.

Hazardous Polymerization

Will not occur.

Material Safety Data Sheet

Material Name: Sodium Hydroxide (Caustic Soda)

ID: C1-142

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

Sodium hydroxide is one of the strongest alkaline caustics. Sodium hydroxide is a strong irritant and is corrosive to the skin, eyes, and mucous membranes. It can cause severe burns and permanent damage to any tissue with which it comes in contact. The severity of the tissue damage caused by sodium hydroxide is a function of its concentration, the length of tissue contact time, and local conditions and skin type. Severe burns to skin can occur even with dilute solutions if the tissue is not promptly decontaminated. Can cause severe burns, ulceration and permanent scarring. Damage to skin may not be immediately apparent, and may be latent in onset due to formation of alkaline albuminates and fatty soaps in the tissue. When sodium hydroxide comes into contact with the skin it does not usually cause immediate pain, but it does cause immediate damage. Contact of the solid or concentrated liquid with the eyes can disintegrate the corneal and conjunctival epithelia and cause corneal opacification. Symptoms can include scarring, blistering, ulceration, clouding of the eye tissue and blindness. Delayed effects may include glaucoma and cataracts. Sodium hydroxide fails to coagulate protein, which would serve to prevent further penetration. Therefore, upon contact with eyes, washing with water must be started as quickly as possible, and continued for at least 15 minutes to prevent permanent injury. May cause irritation or inflammation of the nose, throat, and lungs. Inhalation of the aerosol may cause pulmonary edema. Effects of inhalation may be delayed. Overexposure may cause ulceration of nasal passages. Chronic overexposure may cause obstructive airway disease. Repeated exposure to mists or aerosols of sodium hydroxide can produce tolerance to its irritant effects. Ingestion of large doses may cause irritation of the mouth, throat and esophagus. Symptoms may include a burning pain, vomiting, diarrhea, hypersalivation, shortness of breath, potential glottic edema with respiratory compromise, collapse and possibly death. There may be a delay of weeks or months for esophageal strictures to form following ingestion. Concentrated solutions can cause perforation of the stomach or gastrointestinal tract and corrosion and necrosis of the lips, mouth, tongue, pharynx, esophagus, and gastric mucosa.

B: Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Carcinogenicity

A: General Product Information

Squamous cell carcinomas arise frequently in tissue healing from sodium hydroxide burns. These cancers probably arise as a result of nonspecific irritant action on the tissue and abnormalities in the regenerative process, rather than due to a specific carcinogenic effect of sodium hydroxide.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Epidemiology

Information not available.

Neurotoxicity

Information not available.

Mutagenicity

Sodium hydroxide induced chromosome aberrations in grasshoppers and hamster lung cells, and also possibly in other test systems. However, pH alterations from agents such as sodium hydroxide can cause false positive results in short-term genetic assays.

Teratogenicity

Sodium hydroxide at a concentration of 0.001 Molar injected directly into the amniotic fluid was not teratogenic to rats, but was slightly embryotoxic.

Other Toxicological Information

None

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

Expected to be highly toxic to aquatic organisms and ecosystems due to effects on pH.

Material Safety Data Sheet

Material Name: Sodium Hydroxide (Caustic Soda)

ID: C1-142

B: Ecotoxicity

LC100: Cyprinus Carpio 180 PPM/24 hr @ 25 Deg C

Environmental Fate

Product is not expected to accumulate in the food chain.

***** Section 13 - Disposal Considerations *****

US EPA Waste Number & Descriptions

A: General Product Information

Wastes may be classified as D002, D003 (Corrosive, Reactive Waste). You must test your waste using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Review federal, provincial, and local government requirements prior to disposal. Disposal by controlled incineration or secure landfill may be acceptable.

***** Section 14 - Transportation Information *****

US DOT Information

Shipping Name: RQ, Sodium Hydroxide, Solid

Hazard Class: 8

UN/NA #: UN1823

Packing Group: II

Required Label(s): CORROSIVE

Additional Info.: For packagings less than 1000 pounds, the RQ can be deleted from the shipping description.

International Transportation Regulations

NOTE: The data in this section (Section 14) is meant as a guide to the overall classification of the product. However, transportation classifications may be subject to change with changes in package size. Consult shipper requirements under I.M.O., I.C.A.O. (I.A.T.A.) and 49 CFR to assure regulatory compliance.

I.M.O. Classification: Sodium Hydroxide, Solid, 8, UN1823, PGII, EmS No. 8-06, MFAG Table No. 705 (IMDG Code page 8225-1).

***** Section 15 - Regulatory Information *****

US Federal Regulations

A: General Product Information

None.

B: Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Sodium Hydroxide (1310-73-2)

CERCLA: final RQ = 1000 pounds (454 kg)

State Regulations

A: General Product Information

Other state regulations may apply.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Material Safety Data Sheet**Material Name:** Sodium Hydroxide (Caustic Soda)**ID:** C1-142

Component	CAS #	CA	FL	MA	MN	NJ	PA
Sodium Hydroxide	1310-73-2	Yes	Yes	Yes	Yes	Yes	Yes

Other Regulations**A: General Product Information**

Not determined.

B: Component Analysis - Inventory

Component	CAS #	TSCA	DSL	EINECS
Sodium Hydroxide	1310-73-2	Yes	Yes	Yes

C: Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Sodium Hydroxide	1310-73-2	1% item 1442 (998)

***** Section 16 - Other Information *******Other Information**

Chem One Corp. ("Chem One") shall not be responsible for the use of any information, product, method, or apparatus herein presented ("Information"), and you must make your own determination as to its suitability and completeness for your own use, for the protection of the environment, and for health and safety purposes. You assume the entire risk of relying on this Information. In no event shall Chem One be responsible for damages of any nature whatsoever resulting from the use of this product or products, or reliance upon this Information. By providing this Information, Chem One neither can nor intends to control the method or manner by which you use, handle, store, or transport Chem One products. If any materials are mentioned that are not Chem One products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be observed. Chem One makes no representations or warranties, either express or implied of merchantability, fitness for a particular purpose or of any other nature regarding this information, and nothing herein waives any of Chem One's conditions of sale. This information could include technical inaccuracies or typographical errors. Chem One may make improvements and/or changes in the product (s) and/or the program (s) described in this information at any time. If you have any questions, please contact us at Tel. 713-896-9966 or E-mail us at Safety@chemone.com. Revision Information: Revised 08/10/98.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration

Contact: Clare Welker**Contact Phone:** (713)-896-9966

This is the end of MSDS # C1-142

Material Safety Data Sheet

REACT 104



PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: SIERRA CHEMICALS, LLC
MANUFACTURER'S ADDRESS: P.O. Box 3527
Durango, CO 81302
EMERGENCY PHONE NUMBER: (970) 259-9757

WHMIS CLASSIFICATION: E

PRODUCT USE: ACIDIC CLEANER

HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	LD ₅₀	LC ₅₀
Phosphoric acid	60-100	7664-38-2	1530 mg/Kg (Rat Oral)	20,000 ppm/10hr (Rat)
Dipropylene glycol methyl ether	1-5	34590-94-8	5380 mg/Kg (Rat Oral)	Not available

PHYSICAL DATA

PHYSICAL STATE: Liquid
ODOUR AND APPEARANCE: Colourless to pale yellow liquid with a mild odour.
ODOUR THRESHOLD: Not available
BOILING POINT: Not available
VAPOUR PRESSURE: Not available
VAPOUR DENSITY (AIR=1): Not available
SPECIFIC GRAVITY: 1.5
EVAPORATION RATE: Not available
FREEZING POINT: Not available
pH: 1-2 depending on dilution.
COEFFICIENT OF OIL/WATER DISTRIBUTION: Not available

FIRE AND EXPLOSION HAZARD

CONDITIONS OF FLAMMABILITY: Not applicable
FLASHPOINT: Not applicable
MEANS OF EXTINCTION: Not applicable
HAZARDOUS COMBUSTION PRODUCTS: Not applicable
EXPLOSION HAZARDS: Not applicable
UPPER FLAMMABLE LIMIT: Not applicable
LOWER FLAMMABLE LIMIT: Not applicable
AUTO-IGNITION TEMPERATURE: Not applicable
SENSITIVITY TO STATIC DISCHARGE: Not applicable

REACTIVITY DATA

Material Safety Data Sheet

REACT 104

STABILITY: Stable under normal conditions of storage and use.
CONDITIONS OF REACTIVITY: Contact with aluminum or zinc will generate hydrogen.
INCOMPATIBLE MATERIALS: Avoid contact with strong alkalis and strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, and phosphorous on thermal decomposition.

TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY

SKIN CONTACT: Skin irritation and chemical burns on prolonged skin contact.
SKIN ABSORPTION: Certain components may be absorbed through the skin, contributing to overall exposure.
EYE: Severe irritation and chemical burns can occur. Permanent damage may result.
INHALATION: Mists generated from the product may be irritating to the nose, throat, and respiratory tract.
INGESTION: May cause corrosion of the mouth, throat, and G.I. tract.
ACUTE OVER EXPOSURE: Irritation and possible burning of the eyes, skin, and mucous membranes. Dizziness, headache, nausea, vomiting, and diarrhea and possible death on ingestion.
CHRONIC OVER EXPOSURE: Dermatitis may occur with repeated exposure.
EXPOSURE LIMITS: Phosphoric acid: ACGIH TWA = 1 mg/m³
Dipropylene glycol methyl ether: ACGIH TWA = 100 ppm (skin)
IRRITANCY: Severe irritant to the eyes, skin, and mucous membranes.
SENSITIZATION: Not available
CARCINOGENICITY AND REPRODUCTIVE EFFECTS: None of the ingredients are listed as such.
TERATOGENICITY AND MUTAGENICITY: None of the ingredients are listed as such.
TOXICOLOGICALLY SYNERGISTIC PRODUCTS: Not available

PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Use chemical goggles and wear rubber gloves when handling this product to prevent eye and skin contact.
ENGINEERING CONTROLS: Should not be required.
LEAK AND SPILL PROCEDURES: Pick up small spills with absorbent material, and flush area with plenty of water. Dispose of contaminated absorbent in accordance with all local environmental regulations.
WASTE DISPOSAL: Dispose of waste material in accordance with all local environmental regulations.
HANDLING PROCEDURES AND EQUIPMENT: Use recommended protective equipment when handling this material. Contaminated clothing must be laundered before wearing.
STORAGE REQUIREMENTS: Keep container closed and keep from freezing.
SPECIAL SHIPPING INFORMATION: PIN UN1805
Phosphoric acid solution
Class 8(9.2) Packing Group III

Material Safety Data Sheet

REACT 104

FIRST AID MEASURES

SPECIFIC FIRST AID MEASURES: _____ In case of skin contact, flush promptly with abundant water. In case of ingestion, do not induce vomiting. Call a physician. Flush eyes with abundant water and consult a physician.

PREPARATION INFORMATION

PREPARED BY: _____ Technical Service Department
PHONE NUMBER: _____ (780) 998-3771
DATE PREPARED: _____ June 15, 2000

DISCLAIMER

The information contained herein has been obtained from sources believed to be reliable. Guardian Chemicals Inc. provides no warranties express or implied and assumes no responsibility for the accuracy or completeness of the data provided.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator Northstar Oil and Gas 5. Originating Site Federal Strat Test C-1C 6. Transporter: CF&M 8. State: NM
2. Management Facility Destination JFJ Landfarm L.L.C.	
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	
7. Location of Material (Street Address or ULSTR) B Section 35, 24 N, 11 W	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:
Drilling Mud

Estimated Volume 80 BBLS Known Volume (to be entered by the operator at the end of the haul) _____
SIGNATURE AJ Blair TITLE: _____ Manager _____ DATE: 1/2/04
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Feunt TITLE: Enviro/Engr DATE: 1/16/04
APPROVED BY: Chad Herron TITLE: Deputy O&B ins DATE: 1/16/04



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Northstar Oil and Gas PO Box 93 Farmington NM 87499	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410
3. Originating Site (name): Federal Strat Test C-1C attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): B Section 35, 24N, 11 W
4. Source and Description of Waste Drilling Mud	

I, John Corbett representative for :
Print Name

Northstar Oil and Gas do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ XEXEMPT oilfield waste ☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): John P. Corbett

Title: PRESIDENT

Date: 1/2/04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

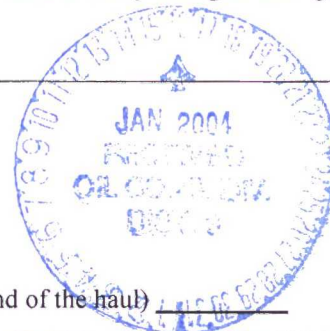
Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator Basin Disposal
2. Management Facility Destination JFJ Landfarm L.L.C.	5. Originating Site Basin Disposal
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Basin Disposal
7. Location of Material (Street Address or ULSTR) 200 Montana Ave Bloomfield NM 87413	8. State: NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:
BS & W from settling pond



Estimated Volume 2000 BBLS Known Volume (to be entered by the operator at the end of the haul) _____
SIGNATURE AJ Blair TITLE: _____ Manager _____ DATE: 1/1/04
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: AJ Blair TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Derry Feart TITLE: Enviro/Engk DATE: 1/16/04
APPROVED BY: Charles TITLE: Deputy O&G Ins DATE: 1/16/04



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenberg

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <u>Basin Disposal</u>	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. #81 CR 3250 Aztec, NM 87410
3. Originating Site (name): <u>Basin Disposal</u> attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): <u>200 Montana Ave CR 5046</u> <u>Bloomfield NM 87413</u>
4. Source and Description of Waste <u>BS + W from settling pond</u>	

I, Jimmy Barnes representative for :
Print Name

Basin Disposal do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Jimmy Barnes

Title: Plant Manager

Date: 1-13-04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 09 2004

OIL CONSERVATION

Form C-138
Revised March 17, 1999

Submit Original
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to Appropriate
District Office

DIVISION

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: <input type="checkbox"/> Yes <input type="checkbox"/> No	4. Generator Compressor Systems Inc. 5. Originating Site 32-Fed 34#2A 6. Transporter: Industrial Ecosystems Inc. 8. State: NM
2. Management Facility Destination: JFJ Landfarm L.L.C.	
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	
7. Location of Material (Street Address or ULSTR) SEC 34, T32N,R9W lat 36° 94306 long 107° 77331	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input checked="" type="radio"/> B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

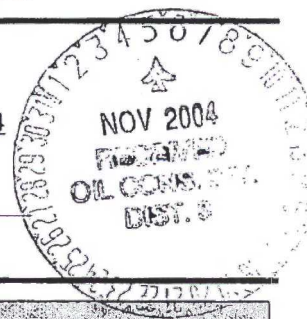
BRIEF DESCRIPTION OF MATERIAL:

Oil from oil filter housing on motor cracked and sprayed oil onto location

Estimated Volume 35 yds Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE James Hatcher TITLE: Manager DATE: 10/20/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782



(This space for State Use)

APPROVED BY: <u>Denny Kent</u>	TITLE: <u>Environ/Engr</u>	DATE: <u>11/8/03</u>
APPROVED BY: <u>Al Martin</u>	TITLE: <u>ENVIRO. ENGR.</u>	DATE: <u>11/9/03</u>

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: <input type="checkbox"/> Yes <input type="checkbox"/> No	4. Generator Compressor Systems Inc. 5. Originating Site 32-Fed 34#2A 6. Transporter: Industrial Ecosystems Inc. 8. State: NM
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BRIEF DESCRIPTION OF MATERIAL:

Oil from oil filter housing on motor cracked and sprayed oil onto location

Estimated Volume 35 yds Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE James Hatcher TITLE: Manager DATE: 10/20/04
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782



(This space for State Use)

APPROVED BY: <u>Denny Fount</u>	TITLE: <u>Enviro/Engl</u>	DATE: <u>11/8/04</u>
APPROVED BY: _____	TITLE: _____	DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Compressor Systems Inc P.O. Box 1886 Bloomfield, NM 87413	2. Destination Name: Industrial Ecosystems Inc #91 CR 3150 Aztec, NM 87410
3. Originating Site (name): 32-Fed 34#2A	Location of the Waste (Street address &/or ULSTR): see 34, T32N, R9W lat 36° 94306 long 107° 477331
attach list of originating sites as appropriate	
4. Source and Description of Waste Oil from oil filter housing on motor cracked and sprayed oil onto location.	

I, Mitch Davis representative for :
Print Name

CSI do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)

☐ EXEMPT oilfield waste

☒ NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☒ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): [Signature]

Title: Tech

Phone Number: _____

Date: _____

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410
Phone: (505) 334-6178 * Fax (505) 334-6170 * <http://www.eninrd.state.nm.us>

COVER LETTER

November 02, 2004

Mitch Davis
Industrial Ecosystems
P. O. Box 2043
Farmington, NM 87499
TEL: (505) 632-1782
FAX (505) 632-1876

RE: CSI Compressor

Order No.: 0410247

Dear Mitch Davis:

Hall Environmental Analysis Laboratory received 1 sample on 10/26/2004 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager



Client: Cheryl A. Brown

Client: Cheryl A. Brown

Industrial Ecosystems

Address: #81 CR 3150

PO Box 2043

Aztec N. 87410

Phone #: 505-632-1782

Fax #: 505-632-1876

Accreditation Applied:

NELAC ☐ USACE ☐

Other:

Project Name:

CSI Compressor

Project #:

Project Manager:

Mitch Davis

Sampler: Joe Birkby

Sample Temperature: 10

Date _____

Time

Matrix

Sample I.D. No.

Number/Volume

Preservative

HEAL No.

 HgCl_2 HNO_3

BTEX + MTBE + TMB's (8021)

BTEX + MTBE + TPH (Gasoline Only)

TPH Method 8015B (Gas/Diesel)

TPH (Method 418.1)

EDB (Method 504.1)

EDC (Method 8021)

8310 (PNA or PAH)

RCRA 8 Metals

Anions (F, Cl, NO₃, PO₄, SO₄)

8081 Pesticides / PCB's (8082)

3260B (VOA)

B270 (Semi-VOA)

Air Bubbles or Head - ~e (Y or N)



4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

Date:	Time:	Relinquished By: (Signature)
10/25/04	11:00	<i>[Signature]</i>

Received By: (Signature) *[Signature]* 10/26/04

Received By: (Signature)

Remarks:

Hall Environmental Analysis Laboratory

Date: 02-Nov-04

CLIENT: Industrial Ecosystems
Work Order: 0410247
Project: CSI Compressor

QC SUMMARY REPORT

Method Blank

Sample ID	MB-6764	Batch ID:	6764	Test Code:	SW7471	Units:	mg/Kg	Analysis Date	11/1/2004	Prep Date	11/1/2004			
Client ID:		Run ID:	MI-LA254_041101B	SeqNo:	316704									
Analyte		Result		PQL		SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		ND		0.033										

Sample ID	MB-6749	Batch ID:	6749	Test Code:	SW6010A	Units:	mg/Kg	Analysis Date	11/1/2004 11:58:03 AM	Prep Date	10/28/2004			
Client ID:		Run ID:	ICP_041101A	SeqNo:	316800									
Analyte		Result		PQL		SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		ND		2.5										
Barium		ND		0.1										
Cadmium		ND		0.1										
Chromium		ND		0.3										
Lead		ND		0.25										
Selenium		ND		2.5										
Silver		ND		0.25										

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name IND ECO

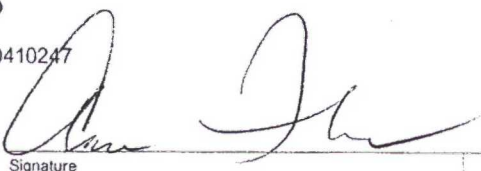
Date and Time Received:

10/26/2004

Work Order Number 0410247

Received by AT

Checklist completed by



Signature

Date

10/26/04

Matrix

Carrier name FedEx

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒

No ☐

Not Present ☐

Not Shipped ☐

Custody seals intact on sample bottles?

Yes ☐

No ☒

N/A ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

Container/Temp Blank temperature?

1°

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

173262
DOD Hazardous Materials Information System

DoD 6050.5-L

AS OF July 1998

FSC: 9150
NIIN: 013522962
Manufacturer's CAGE: 81230
Part No. Indicator: A
Part Number/Trade Name: CHEVRON RPM HEAVY DUTY MOTOR OIL SAE 15W-40
=====

=====
General Information
=====

=====
Item Name: LUBRICATING OIL, ENGINE
Company's Name: CHEVRON U S A INC
Company's Street: 575 MARKET ST
Company's P. O. Box: 7643
Company's City: SAN FRANCISCO
Company's State: CA
Company's Country: US
Company's Zip Code: 94120
Company's Emerg Ph #: 800-457-2022/510-233-3737
Company's Info Ph #: 800-582-3835
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: D
Record No. For Safety Entry: 013
Tot Safety Entries This Stk#: 014
Status: SE
Date MSDS Prepared: 20MAR93
Safety Data Review Date: 14JUL93
Supply Item Manager: CX
MSDS Preparer's Name:
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:

173262

Other MSDS Number:
MSDS Serial Number: BNCPG
Specification Number: A-A-52306
Spec Type, Grade, Class: 15W-40 GRADE
Hazard Characteristic Code: N1
Unit Of Issue: CO
Unit Of Issue Container Qty: 5 GALLONS
Type Of Container: CONTAINER
Net Unit Weight: 37.1 LBS

Report for NIIN: 013522962

NRC/State License Number: N/R
Net Explosive Weight:
Net Propellant Weight-Ammo: N/R
Coast Guard Ammunition Code:

=====

Ingredients/Identity Information

=====

Proprietary: NO
Ingredient: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
Ingredient Sequence Number: 01
Percent: >75
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: PY8035500
CAS Number: 64742-54-7
OSHA PEL: 5 MG/M3 (OIL MIST)
ACGIH TLV: 5 MG/M3 (OIL MIST)
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: PETROLEUM DISTILLATES, SOLVENT DEWAXED HEAVY PARAFFINIC
Ingredient Sequence Number: 02
Percent: <25
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: PY8038500
CAS Number: 64742-65-0
OSHA PEL: 5 MG/M3 (OIL MIST)
ACGIH TLV: 5 MG/M3 (OIL MIST)
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: ZINC ALKYL DITHIOPHOSPHATE, (PHOSPHORODITHIOIC ACID,O,O-DI

173262

CL-14-ALKYL ESTERS, ZINC SALT)
Ingredient Sequence Number: 03
Percent: <1.5
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: 1001740ZA
CAS Number: 68649-42-3
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED
=====

=====

Physical/Chemical Characteristics

=====

Appearance And Odor: DARK AMBER LIQUID.
Boiling Point: NDA
Melting Point: NDA
Vapor Pressure (MM Hg/70 F): NA
Vapor Density (Air=1): NA
Specific Gravity: 0.89
Decomposition Temperature: UNKNOWN

Report for NIIN: 013522962

Evaporation Rate And Ref: NA
Solubility In Water: INSOLUBLE IN WATER.
Percent Volatiles By Volume: NA
Viscosity: 13.9CST @212F
pH: NDA
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss): N/P
Corrosion Rate (IPY): NA
Autoignition Temperature:
=====

=====

Fire and Explosion Hazard Data

=====

Flash Point: 419F,215C
Flash Point Method: COC
Lower Explosive Limit: NA
Upper Explosive Limit: NA
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.
Special Fire Fighting Proc: FOR FIRES INVOLVING MATERIAL, DO NOT ENTER
ANY
ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT,

173262

INCLUDING SELF-CONTAINED BREATHING APPARATUS

Unusual Fire And Expl Hazrds: NORMAL COMBUSTION FORMS CARBON DIOXIDE,
WATER VAPOR & MAY PRODUCE OXIDES OF SULFUR, NITROGEN & PHOSPHOROUS.
INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): NO DATA AVAILABLE.

Materials To Avoid: MAY REACT WITH STRONG OXIDIZING AGENTS, SUCH AS
CHLORATES, NITRATES, PEROXIDES, ETC.

Hazardous Decomp Products: NDA.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT APPLICABLE

Health Hazard Data

LD50-LC50 Mixture: LD50 ORAL RAT IS > 5000 MG/KG

Route Of Entry - Inhalation: NO

Route Of Entry - Skin: NO

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: EYE & SKIN: THIS SUBSTANCE IS NOT EXPECT
ED

TO CAUSE PROLONGED OR SIGNIFICANT EYE OR SKIN IRRITATION. INGESTION &
INHALATION: THE SYSTEMIC TOXICITY OF THIS SUBSTANCE HAS NOT BEEN
DETERMINED. HOWEVER, IT SHOULD BE PRACTICALLY NON-TOXIC TO INTERNAL OR
GANS

IF SWALLOWED OR INHALED.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NONE OF THE INGREDIENTS IN THIS PRODUCT I
S

LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Signs/Symptoms Of Overexp: NONE SPECIFIED BY MANUFACTURER.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Report for NIIN: 013522962

Emergency/First Aid Proc: EYES: AS A PRECAUTION FLUSH EYE WITH FRESH W
ATER

FOR 15 MINUTES. SKIN: AS A PRECAUTION, WASH SKIN THOROUGHLY WITH SOAP
&
WATER. INGESTION: GIVE WATER OR MILK TO DRINK & TELEPHONE FOR MEDICAL

173262

ADVICE. CONSULT MEDICAL PERSONNEL BEFORE INDUCING VOMITING. INHALATION
: NO
FIRST AID PROCEDURES REQUIRED.

=====

Precautions for Safe Handling and Use

=====

=====

Steps If Matl Released/Spill: STOP THE SOURCE OF LEAK OR RELEASE. CLEAN UP
RELEASE AS SOON AS POSSIBLE. CONTAIN LIQUID TO PREVENT FURTHER
CONTAMINATION. CLEAN UP SMALL SPILLS USING APPROPRIATE TECHNIQUES SUCH
AS
SORBENT MATERIALS OR PUMPING.
Neutralizing Agent: NOT APPLICABLE
Waste Disposal Method: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE
OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
Precautions-Handling/Storing: DO NOT WELD, HEAT OR DRILL CONTAINER.
RESIDUE MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED SUFFICIENTLY.
Other Precautions: CAUTION! DO NOT USE PRESSURE TO EMPTY DRUM OR DRUM
MAY
RUPTURE WITH EXPLOSIVE FORCE. AVOID EYE AND SKIN CONTACT. DO NOT BREATHE
VAPORS.

=====

=====

Control Measures

=====

=====

Respiratory Protection: NO SPECIAL RESPIRATORY PROTECTION IS NORMALLY
REQUIRED. HOWEVER, IF OPERATING CONDITIONS CREATE HIGH AIRBORNE
CONCENTRATIONS, THE USE OF AN APPROVED RESPIRATOR IS RECOMMENDED.
Ventilation: USE ADEQUATE VENTILATION TO KEEP THE AIRBORNE CONCENTRATIONS
OF THIS MATERIAL BELOW THE RECOMMENDED EXPOSURE STANDARD.
Protective Gloves: NO SPECIAL PROTECTION IS USUALLY NEEDED.
Eye Protection: NO SPECIAL PROTECTION IS USUALLY NEEDED.
Other Protective Equipment: SKIN CONTACT CAN BE MINIMIZED BY WEARING
PROTECTIVE CLOTHING. EYE BATH AND SAFETY SHOWER.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING.
LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.
Suppl. Safety & Health Data: USED MOTOR OILS HAVE BEEN SHOWN TO CAUSE
SKIN
CANCER WHEN REPEATEDLY APPLIED TO MOUSE SKIN WITHOUT ANY EFFORT TO REMOVE
THE MATERIAL BETWEEN APPLICATIONS. THERE IS NO EVIDENCE OF A CAUSAL

173262

RELATIONSHIP BETWEEN SKIN CANCER IN HUMANS AND EXPOSURE TO USED MOTOR OIL.

=====

Transportation Data

=====

Transportation Action Code:
Transportation Focal Point: D
Trans Data Review Date: 93138
DOT PSN Code: ZZZ
DOT Symbol:
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
DOT Class: N/R
DOT ID Number: N/R
DOT Pack Group:
DOT Label: N/R
DOT/DoD Exemption Number:
IMO PSN Code: ZZZ

Report for NIIN: 013522962

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
N

IMO Regulations Page Number: N/R

IMO UN Number: N/R

IMO UN Class: N/R

IMO Subsidiary Risk Label: N/R

IATA PSN Code: ZZZ

IATA UN ID Number: N/R

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
N

IATA UN Class: N/R

IATA Subsidiary Risk Class: N/R

IATA Label: N/R

AFI PSN Code: ZZZ

AFI Symbols:

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI Class: N/R

AFI ID Number: N/R

AFI Pack Group:

AFI Label: N/R

AFI Special Prov:

AFI Basic Pac Ref:

MMAC Code:

N.O.S. Shipping Name:

Additional Trans Data:

=====

173262

=====

Disposal Data

=====

=====

Disposal Data Action Code:
Disposal Data Focal Point:
Disposal Data Review Date:
Rec # For This Disp Entry:
Tot Disp Entries Per NSN:
Landfill Ban Item:
Disposal Supplemental Data:
1st EPA Haz Wst Code New:
1st EPA Haz Wst Name New:
1st EPA Haz Wst Char New:
1st EPA Acute Hazard New:
2nd EPA Haz Wst Code New:
2nd EPA Haz Wst Name New:
2nd EPA Haz Wst Char New:
2nd EPA Acute Hazard New:
3rd EPA Haz Wst Code New:
3rd EPA Haz Wst Name New:
3rd EPA Haz Wst Char New:
3rd EPA Acute Hazard New:

=====

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Label Data

=====

=====

Label Required: NO
Technical Review Date: 14JUL93
Label Date:
MFR Label Number: N/R
Label Status: F

Report for NIIN: 013522962

Common Name: CHEVRON RPM HEAVY DUTY MOTOR OIL SAE 30
Chronic Hazard: NO
Signal Word: CAUTION!
Acute Health Hazard-None: X
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:
Contact Hazard-None: X
Contact Hazard-Slight:
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:

173262

Fire Hazard-Slight: X
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None: X
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions: DO NOT WELD, HEAT OR DRILL CONTAINER. RESI
DUE
MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED SUFFICIENTLY. IN CASE OF
SPILL: STOP THE SOURCE OF LEAK OR RELEASE. CLEAN UP RELEASE AS SOON AS
POSSIBLE. CONTAIN LIQUID TO PREVENT FURTHER CONTAMINATION. CLEAN UP SM
ALL
SPILLS USING APPROPRIATE TECHNIQUES SUCH AS SORBENT MATERIALS OR PUMPIN
G.
FIRST AID: EYES: AS A PRECAUTION FLUSH EYE WITH FRESH WATER FOR 15 MIN
UTES.
SKIN: AS A PRECAUTION, WASH SKIN THOROUGHLY WITH SOAP & WATER. INGESTI
ON:
GIVE WATER OR MILK TO DRINK & TELEPHONE FOR MEDICAL ADVICE. CONSULT ME
DICAL
PERSONNEL BEFORE INDUCING VOMITING. INHALATION: NO FIRST AID PROCEDURE
S
REQUIRED.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: CHEVRON U S A INC
Label Street: 575 MARKET ST
Label P.O. Box: 7643
Label City: SAN FRANCISCO
Label State: CA
Label Zip Code: 94120
Label Country: US
Label Emergency Number: 800-457-2022/510-233-3737
Year Procured: 1992

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	4. Generator BP America Production Co.
2. Management Facility Destination JFJ Landfarm L.L.C.	5. Originating Site Southern Ute 32-7, 18-6
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Riley Industrial Corp.
7. Location of Material (Street Address or ULSTR) NW/SW Sec 18, T32N, R7W	8. State: CO.
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL

Tank bottom sludge and wash water recovered from cleaning operations on production tank

Estimated Volume _ Known Volume (to be entered by the operator at the end of the haul) _40 bbls_

SIGNATURE James Hatcher TITLE: Manager DATE: 10-20-03
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

PACKET ZG XT 46 Rous
WO# 2003 20838

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>BP America 380 Airport Rd. Durango, CO - 81301</i>	2. Destination Name: <i>J.F.J. Landfarm C/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410</i>
3. Originating Site (name): <i>SOUTHERN UTE 32-7; 18-6 NW/SW S18, T32N, R7W</i>	
Location of the Waste (Street address &/or ULSTR): <i>attach list of originating sites as appropriate</i>	
4. Source and Description of Waste <i>TANK BOTTOM SLUDGE FROM 300 BBL PRODUCTION WATER TANK</i>	

I, JASON MARTINEZ representative for :
Print Name

B.P.

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): JASON MARTINEZ

Title: Inspector

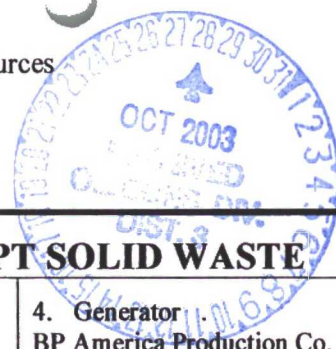
Date: 8/27/03

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office



REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	4. Generator: BP America Production Co.
2. Management Facility Destination: JFJ Landfarm L.L.C.	5. Originating Site: Southern Ute 32-7, 18-6
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Riley Industrial Corp.
7. Location of Material (Street Address or ULSTR) NW/SW Sec 18, T32N, R7W	8. State: CO.
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL

Tank bottom sludge and wash water recovered from cleaning operations on production tank

Estimated Volume _____ Known Volume (to be entered by the operator at the end of the haul) 40 bbls _____

SIGNATURE James Hatcher TITLE: Manager DATE: 10-20-03
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: _____ TITLE: _____ DATE: _____

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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Energy Minerals and Natural Resources

Oil Conservation Division
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Santa Fe, NM 87505

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4. Generator BP/ 380 Airport Road, Durango Co 81301
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Southern Ute 32-8, 13-6
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial Corp.
7. Location of Material (Street Address or ULSTR) SE/SW Sec 13, Township 32N, Range 8W		8. State: Colorado
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms and Sludge washed from the bottom of production tank by Riley Corp.

Estimated Volume _ Known Volume (to be entered by the operator at the end of the haul) _ 30 bbls _

SIGNATURE James Hatcher TITLE: Manager DATE: 10/6/03
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Feint TITLE: Enviro/Engr DATE: 10/9/03
APPROVED BY: R. Ogden TITLE: geologist DATE: 10-9-3



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

PAYKEY ZGXT 16 ROUS
W0# 200320839

Lori Wrotenber
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>BP America 380 Airport Rd. Durango, Co. 81301</i>	2. Destination Name: <i>J.F.J. Landfarm C/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410</i>
3. Originating Site (name): <i>SOUTHEAST UTE 32-8; 13-6 SE/SW 513, T32N, R8W</i>	Location of the Waste (Street address &/or ULSTR):
attach list of originating sites as appropriate	
4. Source and Description of Waste <i>WATER & OIL FIELD WASTE - SLUDGE</i>	

I, *Jason Martinez* representative for :
B.P. Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): *Jason Martinez*

Title: *Inspector*

Date: *8/27/03*

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
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Oil Conservation Division
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Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4. Generator BP/ 380 Airport Road, Durango Co 81301
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Southern Ute 32-8, 11-3
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial Corp.
7. Location of Material (Street Address or ULSTR) SE/SW Sec 11, Township 32N, Range 8W		8. State: Colorado
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms and Sludge washed from the bottom of production tank by Riley Corp.

Estimated Volume _____ Known Volume (to be entered by the operator at the end of the haul) 35 bbls _____

SIGNATURE James Hatcher TITLE: _____ Manager _____ DATE: 10/6/03 _____
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Feunt TITLE: Enviro/Engr DATE: 10/9/03
APPROVED BY: Robert K. Hylleberg TITLE: geologist DATE: 10-9-3



NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

26XT 46 R0N3
W04 2003 20843

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>B.P. America 380 Airport Rd. Durango, CO. 81301</i>	2. Destination Name: <i>J.F.J. Landfarm C/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410</i>
3. Originating Site (name): <i>SOUTHERN Ute 32-8; 11-3 SE/SW, S11, T32N, R8W</i>	Location of the Waste (Street address &/or ULSTR):
attach list of originating sites as appropriate	
4. Source and Description of Waste <i>Produced Water: Oil Field Storage</i>	

I, JASON MARTINEZ representative for :
Print Name

B.P. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature):

Jason Martinez

Title: *Inspector*

Date: *8/27/03*

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	4. Generator: BP/ 386 Airport Road, Durango Co 81301
2. Management Facility Destination: JFJ Landfarm L.L.C.	5. Originating Site: Southern Ute 32-8, 11-4
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Riley Industrial Corp.
7. Location of Material (Street Address or ULSTR) NE/NE Sec 11, Township 32N, Range 8W	8. State: Colorado
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes <u>must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved</u> All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms and Sludge washed from the bottom of production tank by Riley Corp.

Estimated Volume Known Volume (to be entered by the operator at the end of the haul) 40 bbls

SIGNATURE James Hatcher TITLE: Manager DATE: 10/6/03
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Zeant TITLE: Enviro/Engl DATE: 10/9/03
APPROVED BY: Be Huger TITLE: geologist DATE: 10-9-3



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director

Oil Conservation Division

ZGXT 16205
W0 # 200320845

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address BP America 380 Airport Road Durango CO. 81301	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410
3. Originating Site (name): Santitas Ute 32-8; 11-4 NE/NE S11, T32N, R8W	
Location of the Waste (Street address &/or ULSTR): attach list of originating sites as appropriate	
4. Source and Description of Waste Produced Water; Oil Field Shale	

I, Jason Martinez representative for :
Print Name

B.P. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ Other (description)

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Jason Martinez

Title: Inspector

Date: 8/27/03

1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-130
Revised March 17, 1999

Submit Original
Plus 1 Copy
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4. Generator BP/America
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Southern Ute 32-8, 12-7
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial Corp.
7. Location of Material (Street Address or ULSTR) SW/SW of Sec. 12, Township 32N, Range 8W		8. State: Colorado
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms and Sludge washed from the bottom of production tank

Estimated Volume _ Known Volume (to be entered by the operator at the end of the haul) _ 40 bbls _

SIGNATURE James Hatcher TITLE: Manager DATE: 10/6/03
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Zeent TITLE: Enviro/Engr DATE: 10/9/03

APPROVED BY: R. K. Kuhn TITLE: geologist DATE: 10-9-3



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera
Cabinet Secretary

Lori Wrotenber

Director

Oil Conservation Division

Wof 2003 20840
Parkey # 26XT16 Rous

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address <i>BP America 380 Airport Rd. Durango, CO. 81301</i>	2. Destination Name: <i>J.F.J. Landfarm C/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410</i>
3. Originating Site (name): <i>Southern Ute 32-8, 12-7</i>	Location of the Waste (Street address &/or ULSTR): <i>SW/3W S12 T32N R8W</i>
attach list of originating sites as appropriate	
4. Source and Description of Waste <i>From Produced Water Tank, Water; Sludge</i>	

I, *Jason Martinez* representative for :
Print Name

B.P.

do hereby certify that, according to the Resource

Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

☐ Other (description)

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature):

Jason Martinez

Title:

Inspector

Date:

8/27/03

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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Oil Conservation Division
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Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	4. Generator BP/ 380 Airport Road, Durango Co 81301
2. Management Facility Destination JFJ Landfarm L.L.C.	5. Originating Site Southern Ute 32-8, 14-4
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499	6. Transporter: Riley Industrial Corp.
7. Location of Material (Street Address or ULSTR) NW/NE of Sec. 14, Township 32N, Range 8W	8. State: Colorado
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms and Sludge washed from the bottom of production tank by Riley Corp.

Estimated Volume _ Known Volume (to be entered by the operator at the end of the haul) _ 40 bbls _

SIGNATURE James Hatcher TITLE: Manager DATE: 10/6/03
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Fenzl TITLE: Enviro/Engr DATE: 10/9/03
APPROVED BY: Paul Hylleberg TITLE: geologist DATE: 10-9-3



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

26XT 46 Rous
WO# 2003 20842

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address B.P. America 380 Airport Rd. Durango, Co. 8/30/	2. Destination Name: J.F.J. Landfarm C/o Industrial Ecosystems Inc. 420 CR 3100 Aztec, NM 87410
3. Originating Site (name): Southern Ute 32-8; 14-4	Location of the Waste (Street address &/or ULSTR): NW/NE S14 T32N R8W
attach list of originating sites as appropriate	
4. Source and Description of Waste Water & Sludge	

I, Jason Martinez representative for :
Print Name

B.P. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description)
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Jason Martinez

Title: Inspector

Date: 8/27/03

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4. Generator BP/America
2. Management Facility Destination JFJ Landfarm L.L.C.		5. Originating Site Southern Ute 32-8, 12-6
3. Address of Facility Operator: Industrial Ecosystems Inc. P.O. Box 2043 Farmington, N.M. 87499		6. Transporter: Riley Industrial Corp.
7. Location of Material (Street Address or ULSTR) SW/NE of Sec. 12, Township 32N, Range 8W		8. State: Colorado
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms and Sludge washed from the bottom of production tank

Estimated Volume _____ Known Volume (to be entered by the operator at the end of the haul) 30 bbls

SIGNATURE James Hatcher TITLE: Manager DATE: 10/6/03
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James Hatcher TELEPHONE NO. (505) 632-1782

(This space for State Use)

APPROVED BY: Denny Zent TITLE: Enviro/Eng DATE: 10/9/03
APPROVED BY: Patte Kyle TITLE: geologist DATE: 10-9-3