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INDUSTRIAL SOLID WASTE PERMIT NO. 39048
ISWR NO. 30900

Texas Commission on Environmental Quality
Austin, Texas

PERMIT FOR INDUSTRIAL SOLID WASTE MANAGEMENT SITE issued under provisions of TEXAS HEALTH AND SAFETY CODE ANN. Chapter 361 (Vernon)

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RCRA PERMITS PROGRAM

Name of Permittee: CES Environmental Services, Inc.
4904 Griggs Road
Houston, Texas 77021

Site Owner: CES Environmental Services, Inc.
4904 Griggs Road
Houston, Texas 77021

Classification of Site: Industrial Nonhazardous Solid Waste Processing and Storage, Off-site, Commercial

The permittee is authorized to manage wastes in accordance with the limitations, requirements, and other conditions set forth herein. This permit is granted subject to the rules of the Commission and other Orders of the Commission, and laws of the State of Texas. This permit does not exempt the permittee from compliance with the Texas Clean Air Act. This permit will be valid until canceled, amended, modified or revoked by the Commission, except that the authorization to manage wastes shall expire midnight, 10 years after the date of permit approval.

ISSUED: JUL 27 2004

For The Commission

TCEQ-0080 (Rev. 10-09-03)

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PERMIT SECTION I. - FACILITY DESCRIPTION

A. SIZE AND LOCATION OF SITE

A permit is issued to CES Environmental Services, Inc. (hereinafter called the Permittee) to operate a nonhazardous industrial solid waste processing and storage facility located at 4904 Griggs Road on a 6.5 acre tract of land in Houston, Harris County, Texas, within the drainage area of Kuhlman Gully, Brays Bayou, and Buffalo Bayou in the San Jacinto-Brazos Basin (North Latitude 29° 41' 58.412", West Longitude 95° 20' 31.654"). The legal description of the facility submitted in the revised application for industrial solid waste permit No. 39048 (ISWP No. 39048), dated June 6, 2003, is hereby incorporated into this permit by reference as noted in "Attachment A". The industrial nonhazardous waste management facility as delineated by the permittee's application map is hereby made a part of this permit as "Attachment B".

B. INCORPORATED APPLICATION MATERIALS

This permit is based on, and the permittee shall follow the Nonhazardous Industrial Solid Waste application submittals dated November 14, 2002 and June 6 and October 15, 2003 and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the TCEQ. These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

PERMIT SECTION II. - GENERAL FACILITY STANDARDS

A. STANDARD PERMIT CONDITIONS

The permittee has a duty to comply with the Standard Permit Conditions under 30 TAC Section 305.125. Moreover, the permittee has a duty to comply with the following permit conditions:

1. Modification of Permitted Facilities

The facility units and operational methods authorized are limited to those described herein and by the application submittals identified in Provision I.B. (Incorporated Application Materials). All facility units and operational methods are subject to the terms and conditions of this permit and TCEQ rules. Prior to constructing or operating any facility units in a manner which differs from either the related plans and specifications contained in the permit application or the limitations, terms or conditions of this permit, the permittee must comply with the TCEQ permit amendment/modification rules as provided in 30 TAC Sections 305.62 and 305.69.

2. Duty to Comply

[30 TAC Section 305.142] The permittee must comply with all the conditions of this permit, except that the permittee need not comply with the conditions of this permit to the extent and for the duration such noncompliance is authorized in an emergency order issued by the Commission. Any permit noncompliance other than noncompliance authorized by

[II.A.2.]

an emergency order is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

3. Severability

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

4. Definitions

For purposes of this permit, terms used herein shall have the same meaning as those in 30 TAC Chapters 305, 335, and 350 unless this permit specifically provides otherwise; where terms are not defined in the regulations or the permit, the meaning associated with such terms shall be defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term.

Application data - data used to complete the final application and any supplemental information.

5. Permit Expiration

In order to continue a permitted activity after the expiration date of the permit the permittee shall submit a new permit application at least 180 days before the expiration date of the effective permit, unless permission for a later date has been granted by the Executive Director. Authorization to continue such activity will terminate upon the effective denial of said application.

6. Certification Requirements

[30 TAC Section 305.144] For a new facility, the permittee may not commence storage, processing, or disposal of solid waste; and for a facility being modified, the permittee may not process, store or dispose of solid waste in the modified portion of the facility, except as provided in 30 TAC Section 305.69 (relating to Solid Waste Permit Modification at the Request of the Permittee) until the following has been accomplished:

a. The permittee has submitted to the Executive Director and the local Regional Office of the TCEQ, by certified mail or hand delivery, a letter signed by the permittee, and signed and sealed by a Texas Licensed Professional Engineer stating that the facility has been constructed or modified in compliance with the permit. If the certification is being provided to document proper closure of a permitted unit, or to certify installation or repair of a tank system, then the certification must be signed and sealed by an independent Texas Licensed Professional Engineer. Required certification shall be in the following form:

[II.A.6.a.]

"This is to certify that the following activity (Specify activity, e.g., construction, installation, closure, etc., of an item) relating to the following item (Specify the item, e.g., the particular facility, facility unit, unit component, subcomponent part, or ancillary component), authorized or required by TCEQ ISWP No. 39048, has been completed, and that construction of said facility component has been performed in accordance with and in compliance with good engineering practices and the design and construction specifications of ISWP No. 39048".

b. A certification report has been submitted, with the certification described in Provision II.A.6., which is logically organized and describes in detail the tests, inspections, and measurements performed, their results, and all other bases for the conclusion that the facility unit, unit component, and/or closure have been constructed, installed and/or performed in conformance with the design and construction specifications of this permit and in compliance with this permit. The report shall describe each activity as it relates to each facility unit or component being certified including reference to all applicable permit provisions. The report shall contain the following items, at a minimum:

(1) Scaled, as-built plan-view and cross-sectional drawings which accurately depict the facility unit and all unit components and subcomponents and which demonstrate compliance with the design and construction specifications approved and detailed in the terms of this permit;

(2) All necessary references to dimensions, elevations, slopes, construction materials, thickness and equipment; and

(3) For all drawings and specifications, the date, signature, and seal of a Professional Engineer who is licensed in the State of Texas.

c. The Executive Director has inspected the modified or newly constructed facility and finds it is in compliance with the conditions of the permit; or if within 15 days of submission of the letter required by paragraph (a) of this section, the permittee has not received notice from the Executive Director of the intent to inspect, prior inspection is waived and the permittee may commence processing, storage, or disposal of solid waste.

7. Land Disposal Restrictions (Not applicable)

8. Dust Suppression

Pursuant to 30 TAC Section 335.214(b), the permittee shall not use waste, used oil, or any other material which is contaminated with dioxin, polychlorinated biphenyls (PCBs), or any other hazardous waste (other than a waste identified solely on the basis of ignitability) for dust suppression or road treatment.

9. Texas Coastal Management Program (Not applicable)

[II.]

B. RECORDKEEPING AND REPORTING REQUIREMENTS

1. Monitoring and Records

a. All data submitted to the TCEQ shall be in a manner consistent with the latest version of the Quality Assurance Project Plan for the Texas Commission on Environmental Quality for Environmental Monitoring and Measurement Activities Relating to the Resource Conservation and Recovery Act (TCEQ QAPP).

b. [30 TAC Section 305.125(11)(A)] Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity. The method used to obtain a representative sample of the material to be analyzed shall be an appropriate method similar to those found in the Waste Analysis Plan in Provision I.B. (Incorporated Application Materials), or an equivalent method approved in writing prior to use by the Executive Director of the TCEQ. Laboratory methods shall be those specified in *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*, SWR-846, 1987, as revised; *Standard Methods for the Examination of Water and Wastewater*, Fifteenth Edition, 1908 and 1981 supplement, or current adopted edition; or an equivalent method approved in writing prior to use by the Executive Director of the TCEQ.

c. [30 TAC Section 305.125(11)(B)] The permittee shall retain all records in an organized manner and furnish to the Executive Director, upon request, records of all monitoring information, copies of all reports and records required by this permit, for a period of at least 3 years from the date of the sample, measurement, report, record, certification, or application.

2. Operating Record

In addition to recordkeeping and reporting requirements specified elsewhere in this permit, the permittee shall maintain a written operating record at the facility. These records will be made available to representatives of the TCEQ upon request.

3. Retention of Application Data

[30 TAC Section 305.47] A permittee shall keep records throughout the term of the permit of data used to complete the final application and any supplemental information. All copies of renewals, amendments, revisions and modifications must also be kept at the facility such that the most current documents are available for inspection at all times. All materials, including any related information, submitted to complete the application shall be retained, not just those materials which have been incorporated into the permit.

[II.B.]

4. Reporting of Noncompliance

The permittee shall report to the Executive Director of the TCEQ information regarding any noncompliance which may endanger human health or the environment. [30 TAC Section 305.125(9)]

a. Report of such information shall be provided orally within 24 hours from the time the permittee becomes aware of the noncompliance.

b. A written submission of such information shall also be provided within five days of the time the permittee becomes aware of the noncompliance. The written submission shall contain the following:

(1) a description of the noncompliance and its cause;

(2) the potential danger to human health or safety, or the environment;

(3) the period of noncompliance, including exact dates and times;

(4) if the noncompliance has not been corrected, the anticipated time it is expected to continue; and

(5) steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance, and to mitigate its adverse effects.

5. Twenty-Four Hour Reporting

The following shall be included as information which must be reported orally within 24 hours pursuant to Title 30 TAC Section 305.125(9): [30 TAC Section 305.145]

a. Information concerning release of any solid waste that may cause an endangerment to public drinking water supplies;

b. Any information of a release or discharge of solid waste, or of a fire or explosion which could threaten the environment or human health or safety, outside the facility. The description of the occurrence and its cause shall include:

(1) name, address, and telephone number of the owner or operator;

(2) name, address, and telephone number of the facility;

(3) date, time, and type of incident;

(4) name and quantity of material(s) involved;

[II.B.5.]

(5) the extent of injuries, if any;

(6) an assessment of actual or potential hazards to the environment and human health or safety outside the facility, where this is applicable; and

(7) estimated quantity and disposition of recovered material that resulted from the incident.

6. Notice Waiver

[30 TAC Section 305.145(b)] The Executive Director may waive the five-day written notice requirement specified in Provision II.B.4.b. (Reporting of Noncompliance) in favor of a written report submitted to the Commission within 15 days of the time the permittee becomes aware of the noncompliance or condition.

7. Biennial Report (Not Applicable)

8. Pollution Prevention (Not Applicable)

9. Waste Minimization (Not Applicable)

10. Annual Detection Monitoring Report (Not Applicable)

11. Manifest Discrepancy Report

If a significant discrepancy in a manifest is discovered, the permittee numust attempt to reconcile the discrepancy. If not resolved in fifteen days, the permittee must submit a report, describing the incident, to the Executive Director, as per the requirements of 30 TAC Section 335.12(c)(2). A copy of the manifest must be included in the report.

12. Unmanifested Waste Report

A report must be submitted to the Executive Director within 15 days of receipt of unmanifested waste, as per the requirements of 30 TAC Section 335.15(3).

13. Monthly Summary

[30 TAC Section 335.15(2)] The permittee shall prepare a monthly report, of all manifests received during the month, summarizing the quantity, character, transporter identity, and the method of storage, processing, and disposal of each hazardous waste or Class 1 waste shipment received, itemized by manifest document number. This monthly summary report shall be submitted to the TCEQ Registration, Review, and Reporting Division on or before the 25th day of each month for waste received during the previous month.

[II.]

C. INCORPORATED REGULATORY REQUIREMENTS

1. State Regulations

The following TCEQ regulations are hereby made provisions and conditions of this permit. Issuance of this permit with incorporated rules in no way exempts the permittee from compliance with any other applicable state statute and/or Commission Rule.

a. 30 TAC Chapter 37, Subchapter P: Financial Assurance for Hazardous and Nonhazardous Industrial Solid Waste Facilities;

b. 30 TAC Chapter 305, Subchapter A: General Provisions;

c. 30 TAC Chapter 305, Subchapter C: Application for Permit;

d. 30 TAC Sections 305.61 - 305.69 (regarding amendments, renewals, transfers, corrections, revocation and suspension of permits);

e. 30 TAC Sections 305.121 - 305.125 (regarding permit characteristics and conditions);

f. 30 TAC Sections 305.127 - 305.129 (regarding permit conditions, signatories and variance procedures);

g. 30 TAC Chapter 305, Subchapter G: Additional Conditions for Hazardous and Industrial Solid Waste Storage, Processing and Disposal Permits;

h. 30 TAC Chapter 335, Subchapter A: Industrial Solid Waste and Municipal Hazardous Waste;

i. 30 TAC Sections 335.153 - 335.155: (regarding reporting of emergency situations and additional reports required);

j. 30 TAC Chapter 350: Texas Risk Reduction Program (TRRP).

2. Federal Regulations (Not Applicable)

PERMIT SECTION III. - FACILITY MANAGEMENT

A. OPERATION OF FACILITY

The permittee shall construct, maintain, and operate the facility to minimize the possibility of a fire, explosion, or any unplanned, sudden or non-sudden release of industrial waste constituents to air, soil, or surface water which could threaten human health or the environment. All equipment and structures used to manage industrial waste at the facility shall be maintained in proper operating condition.

[III.]

B. PERSONNEL TRAINING

The permittee shall ensure that all facility personnel involved with nonhazardous industrial waste management successfully complete a training program commensurate with the level of expertise required for the classification of the employee. The permittee shall maintain training documents and records, as required by Provision II.B.b. (Monitoring and Records).

C. SECURITY

1. The permittee shall provide and maintain an artificial or natural barrier which completely surrounds the active waste management portion(s) of the facility and shall have a means to control entry, at all times, through gates or other entrances to these same facility areas.

2. The permittee shall post warning signs at all points of access to the active waste management portion(s) of the facility and along the natural and/or artificial barriers in sufficient numbers to be seen from any approach to that (those) portion(s) of the facility. The signs shall be printed so that they may be clearly read from a distance of at least 25 feet, and shall state "Danger - Unauthorized Personnel Keep Out" in English.

D. GENERAL INSPECTION REQUIREMENTS

The permittee shall follow the inspection schedule contained in the permit application submittals identified in Provision I.B. (Incorporated Application Material). The permittee shall remedy any deterioration or malfunction discovered by an inspection. Records of inspection shall be kept, as required by Provision II.B.b. (Monitoring and Records). Any remedial actions taken in response to facility inspections and the date of the remediation shall be included in the inspection records.

E. CONTINGENCY PLAN

1. The permittee shall follow a Contingency Plan, to be developed within 180 days after issuance of this permit. Copies of this plan shall be available to all employees involved in waste management at the facility.

2. The permittee shall immediately initiate clean-up procedures for removal of any spilled industrial nonhazardous wastes and waste residues and shall take all steps necessary to prevent surface-water or groundwater contamination as a result of any spills.

3. Collected industrial nonhazardous wastes, spills, leaks, clean-up residues, and contaminated rainfall runoff, including contaminated stormwater from the drainage control system(s) associated with the permitted units, shall be removed promptly after the spillage and\or rainfall event in as timely a manner as is necessary to prevent overflow of the system by the following method(s):

   a. Removal to an authorized industrial solid waste management facility or authorized off-site facility; or

[III.E.3.]

b. Discharge in accordance with a wastewater discharge permit.

4. The permittee shall ensure that any equipment or vehicles which have come in contact with waste in the loading/unloading, storage, processing, and/or disposal areas have been decontaminated prior to their movement into designated uncontaminated areas of the site property. At a minimum, all contaminated equipment shall be externally decontaminated and contaminated vehicles shall have their undercarriages and tires or tracks decontaminated to remove all waste residues and to prevent contamination of uncontaminated areas. All wash water generated shall be collected and disposed of in accordance with Provision III.E.3..

5. Preparedness and Prevention

a. At a minimum, the permittee shall equip the facility with appropriate emergency equipment to be able to handle any emergency.

b. All sumps, pumps, fire- and spill-control equipment, decontamination equipment, and all other equipment and structures identified by the Contingency Plan shall be tested and maintained, as necessary, to assure its proper operation in time of emergency.

c. The permittee shall maintain access to communications or alarm systems.

d. A trained emergency coordinator shall be available at all times in case of an emergency and will have the responsibility for coordinating all emergency response measures. Emergency number(s) shall be posted in all waste management portions of the facility and all employees in those areas shall be trained in the location of those postings.

F. SPECIAL PERMIT CONDITIONS (Not Applicable)

PERMIT SECTION IV. - WASTES AND WASTE ANALYSIS

A. WASTE ANALYSIS PLAN

The permittee shall follow the Waste Analysis Plan, developed in the permit application and identified in Provision I.B. (Incorporated Application Material).

B. AUTHORIZED WASTES

1. The permittee is authorized to manage non-hazardous industrial solid wastes listed in Table IV.B. - Wastes Managed in Permitted Units, subject to the limitations provided herein.

Wastes authorized for storage and processing include those generated from off-site sources.

[IV.B.]

2. Hazardous Waste Received From Off-Site Sources

The permittee may not receive hazardous waste from off-site sources.

3. The wastes authorized in Table IV.B. shall not contain any of the following:

a. Polychlorinated biphenyls (PCBs), as defined by the EPA in regulations issued pursuant to the Toxic Substances Control Act under Title 40 Code of Federal Regulations (CFR) Part 761, unless the permittee is compliant with the federal requirements for PCB storage as specified in 40 CFR Part 761;

b. Radioactive wastes unless the permittee is authorized to store, process and dispose of these wastes in compliance with specific licensing and permitting requirements under Chapter 401 of the Texas Health and Safety Code and the rules of the Texas Commission on Environmental Quality or Texas Department of Health or Texas Railroad Commission, and/or any other rules of state or federal authorities;

c. Explosive material, as defined by the Department of Transportation under 49 CFR Part 173;

d. Dioxin-containing wastes, identified by EPA as F020, F021, F022, F023, F026, and F027 wastes in 40 CFR 261.31;

e. Ignitable compressed gases;

f. Municipal garbage; or

g. Special Waste from Health-Care Related Facilities subject to 25 TAC Chapter 1 or 30 TAC Chapter 330.

4. Prior to accepting any additional wastes not authorized in Table IV.B, the permittee shall follow the permit amendment or modification requirements listed in 30 TAC Section 305.62 and 305.69.

C. SAMPLING AND ANALYTICAL METHODS

The permittee shall ensure that all waste analyses utilized for waste identification or verification have been performed in accordance with methods specified in the current editions of "Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods", (SW-846), ASTM or other methods accepted by the TCEQ. The permittee shall have a QA/QC program that is consistent with EPA SW 846 and the TCEQ RCRA QAPP.

PERMIT SECTION V. - AUTHORIZED UNITS AND OPERATIONS

A. AUTHORIZED UNITS

1. The permittee is authorized to operate the facility units listed in "Attachment D" for storage and processing subject to the limitations herein. All waste management activities not otherwise exempted from permitting under 30 TAC Section 335.2 shall be confined to the authorized facility units listed in "Attachment D". References hereinafter in this permit to "TCEQ ISW Permit Unit No. ___" shall be to the facility units listed in "Attachment D". All authorized units must be clearly identified as numbered in "Attachment D". These units must have signs indicating "TCEQ ISW PERMIT UNIT NO. ___ ".

2. The permittee must take precautions to prevent accidental ignition or reaction of ignitable or reactive waste. This waste must be separated and protected from sources of ignition or reaction including, but not limited to: open flames, smoking, cutting and welding, hot surfaces, frictional heat, sparks (static, electrical, or mechanical), spontaneous ignition (e.g., from heat-producing chemical reactions), and radiant heat. While ignitable or reactive waste is being handled, the permittee must confine smoking and open flame to specifically designated areas. "No Smoking" signs must be conspicuously placed wherever there is a hazard from ignitable or reactive waste.

3. The permittee shall prevent inundation of any permitted units and prevent any discharges of any waste or runoff of waste contaminated stormwater from permitted units. Additionally, each loading or unloading area, associated with a permitted hazardous or nonhazardous waste management unit, shall be provided with a drainage control system which will collect spills and precipitation in such a manner as to satisfy the following:

   a. Preclude the release from the system of any collected spills, leaks or precipitation;

   b. Minimize the amount of rainfall that is collected by the system; and

   c. Prevent run-on into the system from other portions of the facility.

4. The permittee shall construct, operate, and maintain the facility to prevent washout of any waste by a 100-year flood, as specified below:

   In the event of a 100-year flood, the permittee shall remove all waste, before flood waters can reach the facility, to a location where the wastes will not be vulnerable to the flood waters.

B. CONTAINER STORAGE AREAS

1. The permitted container storage areas are shown in Table V.B. - Container Storage Areas. The permittee is authorized to operate the facility container storage areas for storage and processing subject to the limitations contained herein.

2. The permittee shall construct and maintain the containment systems and buildings for the container storage areas in accordance with the drawings and details included in the Application in Provision I.B..

[V.]
C. TANKS AND TANK SYSTEMS

1. The permitted tank units and their approved waste types are shown in Table V.C.-Tanks and Tank Systems. The permittee is authorized to operate the permitted tank units for storage and processing subject to the limitations contained herein.

2. The permittee shall prevent spills and overflows from the tank, containment system, or building.

D. SURFACE IMPOUNDMENTS (Not Applicable)

E. WASTE PILES (Not Applicable)

F. LAND TREATMENT UNITS (Not Applicable)

G. LANDFILLS (Not Applicable)

H. INCINERATORS (Not Applicable)

I. BOILERS (Not Applicable)

J. DRIP PADS (Not Applicable)

K. MISCELLANEOUS UNITS (Not Applicable)

L. CONTAINMENT BUILDINGS (Not Applicable)

PERMIT SECTION VI.- GROUNDWATER DETECTION MONITORING (Not Applicable)

PERMIT SECTION VII. - CLOSURE AND POST-CLOSURE REQUIREMENTS

A. FACILITY CLOSURE

1. The permittee shall follow the closure plan contained in the permit application submittals identified in Provision I.B. (Incorporated Application Material) of this permit.

Additionally, facility closure shall also commence:

a. Upon direction of the TCEQ for violation of the permit, TCEQ Rules, or State Statutes; or

b. Upon suspension, cancellation, or revocation of the terms and conditions of this permit concerning the authorization to receive, store, process, or dispose of waste materials; or

c. Upon abandonment of the site; or

[VII.A.1.]

d. Upon direction of the TCEQ for failure to secure and maintain an adequate bond or other financial assurance as required by Provision VII.B.1..

2. Request for Permit Modification or Amendment

The permittee shall submit a written request for a permit modification or amendment to authorize a change in the approved Closure Plan. The written request shall include a copy of the amended Closure Plan for approval by the Executive Director.

3. Time Frames for Modification\Amendment Request Submittal (Not Applicable)

4. Closure Notice and Certification Requirements

a. The permittee shall notify the Executive Director, in writing, at least 45 days prior to the date on which he expects to begin partial or final closure of a facility with processing or storage tanks, or container storage, whichever is earlier. A copy of the notice shall be submitted to the TCEQ Regional Office.

b. The permittee shall notify the TCEQ Regional Office at least ten (10) days prior to any closure sampling activity required by the permit in order to afford regional personnel the opportunity to observe these events and collect samples.

5. Unless the Executive Director approves an extension to the closure period, the permittee must complete partial and final closure activities within 180 days after receiving the final known volume of nonhazardous industrial wastes at the waste management unit or facility.

6. Within 60 days of the completion of final closure of the facility, the permittee shall submit to the Executive Director, by registered mail, with a copy to the TCEQ Regional Office, a certification that the nonhazardous industrial waste management unit or facility, as applicable, has been closed in accordance with the specifications in the approved Closure Plan and this permit. The certification, which shall be signed by the permittee and by an independent professional engineer licensed in Texas, must be in the form described in Provision II.A.6.. A closure certification report shall be submitted with the required certifications which includes a summary of the activities conducted during closure and the results of all analyses performed. The certification report shall contain the information required by Provision II.A.6.. The closure certification report shall be furnished to the Executive Director upon request until the Executive Director releases the permittee from the financial assurance requirements for closure.

7. Final closure is considered complete when all nonhazardous industrial waste management units at the facility have been closed in accordance with all applicable closure requirements so that hazardous waste management activities are no longer conducted at the facility.

8. All units, sumps, pumps, piping and any other equipment or ancillary components which have come in contact with nonhazardous industrial wastes shall either be decontaminated

[VII.A.8.]

by removing all waste, waste residues, and sludges or be disposed of at an authorized off-site facility.

9. All contaminated equipment/structures, liners, dikes, and soils (i.e., debris) intended for decontamination shall be decontaminated or removed and managed at an authorized industrial solid waste management facility.

10. All hard-surfaced areas within the waste management unit areas shall be decontaminated and the wash water generated treated and/or disposed at an authorized off-site facility.

11. Verification of decontamination shall be performed by analyzing wash water, and as necessary, soil samples for the hazardous constituents which have been in contact with the particular item being decontaminated. In addition, the permittee shall perform visual inspections of the equipment/structures for visible evidence of contamination.

12. Unless it can be demonstrated that soil contamination has not occurred, soils shall be sampled and analyzed. Sufficiently detailed analyses of samples representative of soils remaining in non-hard-surfaced areas of the storage and processing facility area shall be performed to verify removal or decontamination of all waste and waste residues.

13. Soil and/or wash-water samples shall be analyzed using laboratory methods specified in *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*, SW-846, 1987, as revised; *Standard Methods for the Examination of Water and Wastewater, Fifteenth Edition, 1980, and 1981 supplement, or current adopted edition.* Equivalent or modified methods, must be specified in the Closure Plan and have written approval of the Executive Director prior to use. All data submitted to the TCEQ shall be in a manner consistent with the latest version of the Quality Assurance Project Plan for the Texas Commission on Environmental Quality for Environmental Monitoring and Measurement Activities Relating to the Resource Conservation and Recovery Act (TCEQ QAPP).

14. Decontamination shall be deemed complete when no visible evidence of contamination is observed and when the results from verification sampling and analyses indicate wash water concentrations and/or soil concentrations are below the applicable critical Protective Concentration Level (PCL) for Remedy Standard A. If the underlying soils are decontaminated or removed to the PCL for Remedy Standard A, Commercial/Industrial Land use, the permittee shall comply with the institutional controls requirements of 30 TAC Section 350.111 as required.

B. FINANCIAL ASSURANCE FOR CLOSURE

1. The permittee shall provide financial assurance for closure of all permitted units covered by this permit in an amount not less than $114,590.00 (2002 dollars) as shown on Table VII.E.1.- Permitted Unit Closure Cost Summary. Financial assurance shall be secured and maintained in compliance with 30 TAC Chapter 37, Subchapter P; and 30 TAC Section 335.7. Financial assurance is subject to the following:

[VII.B.1.]

a. Adjustments to Financial Assurance Amount:

The amount of financial assurance for closure of existing units, may be reduced by the amount listed in Table VII.E.1, upon certification of closure of an existing permitted unit, in accordance with Provision VII.A.4. (Closure Notice and Certification Requirements), and upon written approval of the Executive Director.

b. Annual Inflation Adjustments

Financial assurance for closure, including any adjustments after permit issuance, shall be corrected for inflation according to the methods described by 30 TAC §37.131 and §37.141.

2. The permittee shall submit to the Executive Director, upon request, such information as may be required to determine the adequacy of the financial assurance.

C. STORAGE, PROCESSING, AND COMBUSTION UNIT CLOSURE REQUIREMENTS (Not Applicable)

D. SURFACE IMPOUNDMENT CLOSURE REQUIREMENTS (Not Applicable)

E. LANDFILL CLOSURE AND CERTIFICATION REQUIREMENTS (Not Applicable)

F. CONTAINMENT BUILDINGS CLOSURE REQUIREMENTS (Not Applicable)

G. FACILITY POST-CLOSURE CARE REQUIREMENTS (Not Applicable)

H. POST-CLOSURE FINANCIAL ASSURANCE REQUIREMENTS (Not Applicable)

PERMIT SECTION VIII. - LIABILITY REQUIREMENTS

A. SUDDEN AND NONSUDDEN ACCIDENTAL OCCURRENCES

The permittee shall demonstrate continuous compliance with the requirements of 30 TAC Chapter 37, Subchapter P; and 30 TAC § 335.7 and to maintain liability coverage for sudden and accidental occurrences of at least $1 million per occurrence, with an annual aggregate of at least $2 million, exclusive of legal defense costs.

B. INCAPACITY OF OWNERS OR OPERATORS, GENERATORS, OR FINANCIAL INSTITUTIONS

The permittee shall comply with 30 TAC §37.71, regarding bankruptcy, whenever necessary.

PERMIT SECTION IX. - CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS
(Not Applicable)

PERMIT SECTION X. - AIR EMISSION STANDARDS

A. PROCESS VENTS AND EQUIPMENT LEAKS

Emissions from this facility must not cause or contribute to a condition of "air pollution" as defined in Section 382.003 of the Texas Health and Safety Code Ann. or violate Section 382.085 of the Texas Health and Safety Code Ann. If the Executive Director of the TCEQ determines that such a condition or violation occurs, the permittee shall implement additional abatement measures as necessary to control or prevent the condition or violation.

TABLE IV.B. WASTES MANAGED IN PERMITTED UNITS

WASTE MATERIAL	TYPE MATERIAL
Class 1 & 2 Nonhazardous Industrial Waste	Inorganic Liquids
Class 1 & 2 Nonhazardous Industrial Waste	Inorganic Solids
Class 1 & 2 Nonhazardous Industrial Waste	Inorganic Sludges
Class 1 & 2 Nonhazardous Industrial Waste	Organic Liquids
Class 1 & 2 Nonhazardous Industrial Waste	Organic Solids
Class 1 & 2 Nonhazardous Industrial Waste	Organic Sludges

TABLE V.B. CONTAINER STORAGE AREAS

Unit No.	*Container Storage Area*	*N.O.R. #*	*Rated Capacity*	*Dimensions*	*Containment Volume (including rainfall for unenclosed areas)*	*Unit will manage Ignitable,[1] Reactive,[1] or Incompatible[2] Waste (state all that apply)*
1	Waste Management Area #106		Volume equivalent of up to500 55-gallon drums per day	50' x 70' within a 210' x 70' metal building	Not applicable	Liquid, Sludge, & Solid Class 1 & 2 nonhazardous industrial waste
2	Waste Management Area #107		Volume equivalent of up to 4 25 cubic yard roll-off boxes	122' x 70' within a 210' x 70' metal building	Not applicable	Liquid, Sludge, & Solid Class 1 & 2 nonhazardous industrial waste

[1]Containers managing ignitable or reactive waste must be located at least 15 meters (50 feet) from the facility's property line.

[2]Incompatible waste must be separated from other waste or materials stored nearby in other containers, piles, open tanks, or surface impoundments by means of a dike, berm, wall, or other device.

TABLE V.C TANKS AND TANK SYSTEMS

Unit No.	***Tank***	***N.O.R. #***	***Storage and/or Processing***	***Waste Materials***	***Rated Capacity***	***Dimensions***	***Containment Volume*** *(including rainfall for unenclosed areas)*	***Unit will manage Ignitable, Reactive, or Incompatible Waste*** *(state all that apply)*
3	Waste Management Area #108		Processing and/or storage	All wastes identified in Table IV.B.	Volume equivalent of up to 6500 gallons	38' x 70' area within a 210' x 70' metal building	Not applicable	Liquid, sludge, and solid class 1 & 2 nonhazardous industrial waste

TABLE VII.E.1. PERMITTED UNIT CLOSURE COST SUMMARY

Existing Unit Closure Cost Estimate (Not Applicable)	
Unit	Cost
TOTAL EXISTING UNIT CLOSURE COST ESTIMATE	

Proposed Unit Closure Cost Estimate	
Unit	Cost
Permitted Unit Nos. 1, 2, & 3 (Waste Management Unit Nos. 106, 107, & 108)	$114,590.00 (2002 dollars)

ATTACHMENT A

LEGAL DESCRIPTION OF FACILITY

LEGAL DESCRIPTION 6.294 ACRE TRACT
TRACT 2

BEING 6.294 ACRES (274,175 SQUARE FEET) OF LAND OUT OF THE WASHINGTON COUNTY RAILROAD COMPANY SURVEY SECTION 2, ABSTRACT 1020 IN THE CITY OF HOUSTON, HARRIS COUNTY, TEXAS AND BEING A PART OF THE CALLED 12.5273 ACRE TRACT RECORDED IN HARRIS COUNTY CLERKS FILE NUMBER T237280;

BEGINNING AT A 5/8 INCH IRON ROD SET FOR THE NORTHWEST CORNER OF LOT 1, BLOCK 13 SOUTHERN VILLAGE, SECTION 2 AS RECORDED IN VOLUME 21, PAGE 23 OF THE MAP RECORDS OF HARRIS COUNTY, TEXAS. SAID POINT ALSO BEING IN THE EAST RIGHT-OF-WAY LINE OF WAYLAND ROAD (60 FEET WIDE);

THENCE NORTH 19 DEGREES 42 MINUTES 37 SECONDS EAST, ALONG THE SOUTHEAST RIGHT-OF-WAY LINE OF SAID WAYLAND ROAD A DISTANCE OF 951.78 FEET TO A 5/8 INCH IRON ROD SET FOR CORNER, BEING THE SOUTHWEST CORNER OF A CALLED 15,00 SQUARE FEET TRACT RECORDED IN VOLUME 1355, PAGE 29 OF THE HARRIS COUNTY DEED RECORDS;

THENCE SOUTH 69 DEGREES 09 MINUTES 11 SECONDS EAST, ALONG THE SOUTHWEST LINE OF SAID 15,000 SQUARE FEET TRACT A DISTANCE OF 75.00 FEET TO A 3 INCH METAL FENCE POST FOUND FOR CORNER;

THENCE NORTH 20 DEGREES 18 MINUTES 54 SECONDS EAST, ALONG THE SOUTHEAST LINE OF SAID 15,000 SQUARE FEET TRACT A DISTANCE OF 200.24 FEET TO A FENCE POST FOR CORNER IN THE SOUTHWEST RIGHT-OF-WAY LINE OF GRIGGS ROAD;

THENCE SOUTH 70 DEGREES 38 MINUTES 50 SECONDS EAST, ALONG THE SOUTHEAST RIGHT-OF-WAY LINE OF SAID GRIGGS ROAD A DISTANCE OF 172.82 FEET TO A 4 BY 4 FENCE POST FOR CORNER IN THE EAST LINE OF GRIGGS TERRACE ADDITION, AN UNRECORDED SUBDIVISION;

THENCE SOUTH 19 DEGREES 34 MINUTES 01 SECONDS WEST, ALONG THE WEST LINE OF SAID GRIGGS TERRACE ADDITION A DISTANCE OF 1152.08 FEET TO A 3/4 INCH IRON PIPE FOUND FOR CORNER. SAME BEING THE NORTHEAST CORNER OF LOT 3, BLOCK 13, SOUTHERN VILLAGE, SECTION 2;

THENCE NORTH 70 DEGREES 10 MINUTES 51 SECONDS WEST, ALONG THE NORTHEAST LINE OF SAID BLOCK 13, SOUTHERN VILLAGE A DISTANCE OF 252.80 FEET TO THE POINT OF BEGINNING AND CONTAINING 6.294 ACRES (274,175 SQUARE FEET) OF LAND.

I, hereby certify that this survey was made in the ground and completed on this 26th day of January 2000 and that this plat correctly represents the facts found at the time of survey showing the improvements. There are no encroachments apparent on the ground, except as shown. This survey substantially complies with the current Texas Society of Professional Surveyors Standards and Specifications for Category 1A, Condition II Survey. This survey is certified for boundary only and for this transaction only. Surveyor did not abstract property. Easements, building lines, etc., shown are as identified by:

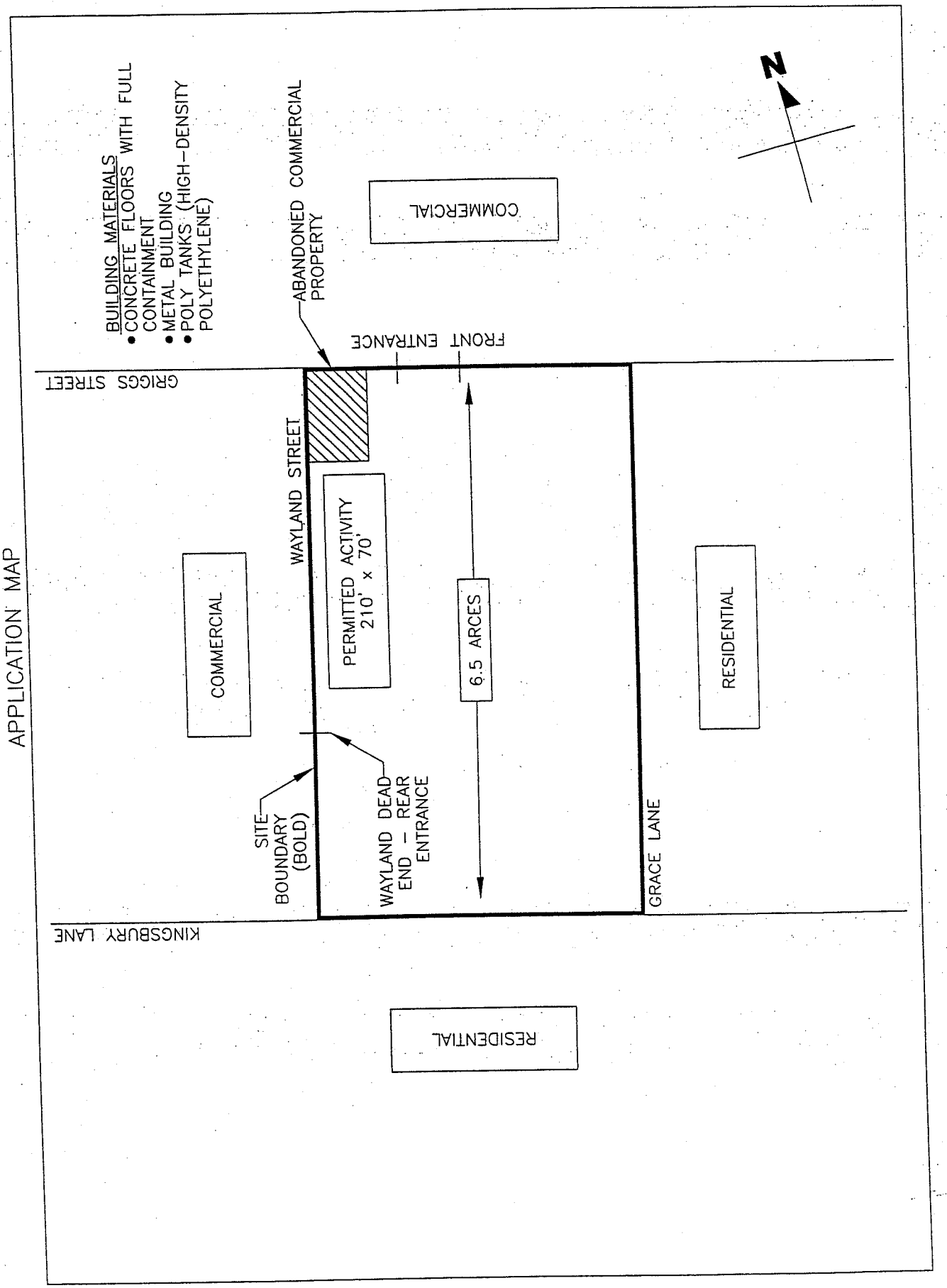
GF 99154426 of PARTNERS TITLE COMPANY

Fred W. Lawton, Registered Professional Land Surveyor No. 2321

STATE OF TEXAS
REGISTERED
FRED W. LAWTON
2321
PROFESSIONAL
LAND SURVEYOR

ATTACHMENT B

FACILITY MAP


APPLICATION MAP
BUILDING MATERIALS
• CONCRETE FLOORS WITH FULL CONTAINMENT
• METAL BUILDING
• POLY TANKS (HIGH-DENSITY POLYETHYLENE)
ABANDONED COMMERCIAL PROPERTY
COMMERCIAL
FRONT ENTRANCE
GRIGGS STREET
WAYLAND STREET
PERMITTED ACTIVITY 210' x 70'
6.5 ARCES
COMMERCIAL
RESIDENTIAL
SITE BOUNDARY (BOLD)
WAYLAND DEAD END – REAR ENTRANCE
GRACE LANE
KINGSBURY LANE
RESIDENTIAL
N

ATTACHMENT C

List of Incorporated Application Materials

The following is a list of the Application for Permit to Store, Process, or Dispose of Nonhazardous Industrial Solid Waste elements which are incorporated into all Nonhazardous Industrial Solid Waste permits by reference as per Provision I.B.

TCEQ Application Form

1. Applicant Information
2. Authorized Agents
3. Responsible Party
4. Location of Application for Public Viewing
5. Type of Permit
6. Other Permit Information
7. Plant or Disposal Site Information
8. Process Water Discharge
9. Waste Management Unit Identification
10. Estimated Startup Date
11. Application Map
12. Property Ownership Information
13. Source of Property Ownership Information
14. List of Evidence of Non-Compliance
15. Core Data Form

TCEQ Technical Information

I. General Information
- Applicant
- Facility Location - Address
- Summary of description of Facility

II. Operations
- A. Security
- B. Inspection and Maintenance
- C. Personnel
- D. Equipment
- E. Record Keeping
- F. Roadway Information

III. Design
- A. Solid Waste to be Accepted
- B. Location
- C. Methods
- D. Engineering Design Report
  - 1., 2, & 3. (Not Applicable)
  - 4. Waste Management Units
  - 5. Ground & Surface Water Protection
  - 6. Closing
- E. Geology Information
- F. Climate Information

ATTACHMENT D

Authorized Facility Units

TCEQ Permit Unit No.	Unit Name	Unit Description	Capacity
1	Container Storage	50' x 70' area within a 210' x 70' metal building, Waste Management Area #106, used for storage of drums or other containers	Volume equivalent of up to 500 55-gallon drums per day
2	Container Storage	122' x 70' area within a 210' x 70' metal building, Waste Management Area #107, used for storage and processing of waste in roll-off boxes or other containers	Volume equivalent of up to four 25 cubic yard roll-off boxes
3	Processing Area	38' x 70' area within a 210' x 70' metal building, Waste Management Area #108, used for processing and storage of liquid waste	Volume equivalent of up to 6500 gallons

TXD008950461
~~Permits~~

RECEIVED
08 JUL 22 AM 7:22
MSWA PERMITS PROGRAM

HR/RC/PE

CES Environmental Services, Inc.

4904 Griggs Road
Houston, TX 77021
713-676-1460 Tel
713-676-1676 Fax

July 18, 2008

Reference: CES Environmental Services, Inc.
Class 1 Permit Modification Dated April 28, 2008
Industrial Solid Waste Permit No. 39048

To Whom It May Concern:

In accordance with the State of Texas regulations found at 30 TAC 305.69(b)(1)(B) regarding Class 1 Modifications to Industrial Solid Waste Permits, CES Environmental Services, Inc. (CES) is hereby making notice of a recent modification to our Permit No. 39048. This Notice is being sent to potentially interested parties as specified in 30 TAC 39.13.

CES operates a commercial waste management facility located at 4904 Griggs Road, Houston, Texas 77021. On April 28, 2008 this facility was issued a Class 1 Permit Modification by the Texas Commission on Environmental Quality (TCEQ) to include certain waste streams in the permit which had previously been authorized for handling under exemption.

For further information regarding this permit please contact:

Ms. Vaishali Tendolkar, MC 130
Texas Commission on Environmental Quality,
P.O. Box 13087
Austin, TX 78711-3087

Ms. Vaishali Tendolkar may also be contacted by phone at (512) 239-5747.

Sincerely,

Prabhakar R. Thangudu

Prabhakar R. Thangudu
CES Environmental Services, Inc.

H2/RC/6T

#3

CES ENVIRONMENTAL SERVICES INC
4904 GRIGGS RD
HOUSTON, TX 77021
ATTN: SEAN EASTON

EPA

ACKNOWLEDGMENT OF RCRA SUBTITLE C SITE IDENTIFICATION FORM

This is to acknowledge that you have filed a RCRA Subtitle C Site Identification Form for the facility located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that facility appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage, and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and on other hazardous waste management reports and documents required under Subtitle C of RCRA. A Subsequent RCRA Subtitle C Site Identification Form is required should any information on the original document change.

EPA I.D.Number:	**TXD008950461**
Facility Name and Address:	**CES ENVIRONMENTAL SERVICES INC** **4904 GRIGGS RD** **HOUSTON, TX 77021**

October 23, 2003

IHW 30900 CO

OCT 03 2003

Registration and Reporting Section

OMB#: 2050-0175 Expires 12/31/2003

MAIL THE COMPLETED FORM TO: The Appropriate State or EPA Regional Office.	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM**	RECEIVED OCT 15 2003 6PD-O

1. Reason for Submittal (See instructions on page 23) MARK CORRECT BOX(ES)	**Reason for Submittal:** ☐ To provide Initial Notification of Regulated Waste Activity (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities). ☒ To provide Subsequent Notification of Regulated Waste Activity (to update site identification information). ☐ As a component of a First RCRA Hazardous Waste Part A Permit Application. ☐ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____). ☐ As a component of the Hazardous Waste Report.
2. Site EPA ID Number (See instructions on page 24)	**EPA ID Number:** TXD 098 950 461
3. Site Name (See instructions on page 24)	**Name:** CES ENVIRONMENTAL SERVICES, INC.
4. Site Location Information (See instructions on page 24)	**Street Address:** 4904 GRIGGS RD **City, Town, or Village:** HOUSTON **State:** TX **County Name:** HARRIS **Zip Code:** 77021
5. Site Land Type (See instructions on page 24)	**Site Land Type:** ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other
6. North American Industry Classification System (NAICS) Code(s) for the Site (See instructions on page 24)	A. 23332 B. C. D.
7. Site Mailing Address (See instructions on page 25)	**Street or P. O. Box:** 4904 GRIGGS RD **City, Town, or Village:** HOUSTON **State:** TX **Country:** USA **Zip Code:** 77021
8. Site Contact Person (See instructions on page 25)	**First Name:** SEAN **MI:** E **Last Name:** EASTON **Phone Number:** (713) 676-1460 **Phone Number Extension:** N/A
9. Legal Owner and Operator of the Site (See instructions on pages 25 to 26)	**A. Name of Site's Legal Owner:** CES ENVIRONMENTAL SERVICES, INC. **Date Became Owner (mm/dd/yyyy):** 06/11/02 **Owner Type:** ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other **B. Name of Site's Operator:** CES ENVIRONMENTAL SVCS, INC. **Date Became Operator (mm/dd/yyyy):** 06/24/02 **Operator Type:** ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other

KB 10/10/03

10-15-03

Received

OCT 03 2003

Registration and Reporting Section

OMB#: 2050-0175 Expires 12/31/2003

EPA ID No. TXD008950461

10. Type of Regulated Waste Activity (Mark the appropriate boxes for activities that apply to your site. See instructions on pages 26 to 30)

A. Hazardous Waste Activities

1. Generator of Hazardous Waste (Choose only one of the following three categories.)

- [X] a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or
- [ ] b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or
- [ ] c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities. (Mark all that apply)

- [ ] d. United States Importer of Hazardous Waste
- [ ] e. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 6, mark all that apply.

- [X] **2. Transporter of Hazardous Waste**
- [ ] **3. Treater, Storer, or Disposer of Hazardous Waste (at your site)** Note: A hazardous waste permit is required for this activity.
- [ ] **4. Recycler of Hazardous Waste (at your site)** Note: A hazardous waste permit may be required for this activity.
- **5. Exempt Boiler and/or Industrial Furnace**
  - [ ] a. Small Quantity On-site Burner Exemption
  - [ ] b. Smelting, Melting, and Refining Furnace Exemption
- [ ] **6. Underground Injection Control**

B. Universal Waste Activities

1. Large Quantity Handler of Universal Waste (accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (Mark all boxes that apply):

	Generate	Accumulate
a. Batteries	[X]	[X]
b. Pesticides	[ ]	[ ]
c. Thermostats	[ ]	[X]
d. Lamps	[X]	[X]
e. Other (specify) Ballasts	[X]	[X]
f. Other (specify) _____	[ ]	[ ]
g. Other (specify) _____	[ ]	[ ]

- [ ] **2. Destination Facility for Universal Waste**
  Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities (Mark all boxes that apply.)

1. Used Oil Transporter - Indicate Type(s) of Activity(ies)

- [X] a. Transporter
- [X] b. Transfer Facility

2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies)

- [ ] a. Processor
- [ ] b. Re-refiner

- [ ] **3. Off-Specification Used Oil Burner**

4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)

- [ ] a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- [ ] b. Marketer Who First Claims the Used Oil Meets the Specifications

11. Description of Hazardous Wastes (See instructions on page 31)

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

Same as previously stated (ALL "D" (characteristic) codes)						

Received

OCT 03 2003

Registration and Reporting Section

OMB#: 2050-0175 Expires 12/31/2003

EPA ID No. TXD008950461

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

12. Comments (See instructions on page 31)

13. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. **(See instructions on page 31)**

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
	SEAN EASTON VICE PRESIDENT	09/30/03

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

August 28, 2003

CES ENVIRONMENTAL SERVICES INC
4904 GRIGGS RD
HOUSTON, TX 77021
ATTN: SEAN EASTON

This is to acknowledge that, in compliance with Section 3010 of the Resource Conservation and Recovery Act (RCRA), you have filed a Notification of Regulated Waste Activity for:

CES ENVIRONMENTAL SERVICES INC
4904 GRIGGS RD
HOUSTON, TX 77021

Your EPA Identification Number for this installation is:
TXD008950461

The EPA Identification Number must be included in all shipping manifests for transporting hazardous wastes; on all Bienniel Reports that generators of hazardous wastes, and owners and operators of hazardous waste treatment, storage, and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste reports and documents required under Subtitle C of RCRA. A Subsequent Notification of Regulated Waste Activity is required should any information on the original document change.

Paul Sieminski, Chief
RCRA State/Tribal Oversight Section

W 30900 CO

OMB#: 2050-0175 Expires 12/31/2003

MAIL THE COMPLETED FORM TO: The Appropriate State or EPA Regional Office.	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM**	AUG 6 2003 6PD-I

Received JUL 30 2003 Registration and Reporting Section

1. Reason for Submittal (See instructions on page 23) MARK CORRECT BOX(ES)	**Reason for Submittal:** ☐ To provide Initial Notification of Regulated Waste Activity (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities). ☒ To provide Subsequent Notification of Regulated Waste Activity (to update site identification information). ☐ As a component of a First RCRA Hazardous Waste Part A Permit Application. ☐ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____). ☐ As a component of the Hazardous Waste Report.
2. Site EPA ID Number (See instructions on page 24)	**EPA ID Number:** TXD 008 ~~8~~ 9 50 461
3. Site Name (See instructions on page 24)	**Name:** CES Environmental Services
4. Site Location Information (See instructions on page 24)	**Street Address:** 4904 Griggs Rd **City, Town, or Village:** Houston **State:** TX **County Name:** Harris **Zip Code:** 77021
5. Site Land Type (See instructions on page 24)	**Site Land Type:** ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other
6. North American Industry Classification System (NAICS) Code(s) for the Site (See instructions on page 24)	A. 562111 B. 562112 C. 562 D.
7. Site Mailing Address (See instructions on page 25)	**Street or P. O. Box:** 4904 Griggs Rd **City, Town, or Village:** Houston **State:** TX **Country:** USA **Zip Code:** 77021
8. Site Contact Person (See instructions on page 25)	**First Name:** Sean **MI:** E **Last Name:** Easton **Phone Number:** (713) 676-1460 **Phone Number Extension:** —
9. Legal Owner and Operator of the Site (See instructions on pages 25 to 26)	**A. Name of Site's Legal Owner:** CES Environmental Services **Date Became Owner (mm/dd/yyyy):** 6/11/02 **Owner Type:** ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other **B. Name of Site's Operator:** CES Environmental Services **Date Became Operator (mm/dd/yyyy):** 6/24/02 **Operator Type:** ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other

8-7-03

Received

JUL 30 2003

Registration and Reporting Section

OMB#: 2050-0175 Expires 12/31/2003

EPA ID No. T X D 0 0 8 9 5 0 4 6 1

10. Type of Regulated Waste Activity (Mark the appropriate boxes for activities that apply to your site. See instructions on pages 26 to 30)

A. Hazardous Waste Activities

1. Generator of Hazardous Waste (Choose only one of the following three categories.)

☒ a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or

☐ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or

☐ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities. (Mark all that apply)

☐ d. United States Importer of Hazardous Waste

☐ e. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 6, mark all that apply.

☒ **2. Transporter of Hazardous Waste**

☐ **3. Treater, Storer, or Disposer of Hazardous Waste (at your site)** Note: A hazardous waste permit is required for this activity.

☐ **4. Recycler of Hazardous Waste (at your site)** Note: A hazardous waste permit may be required for this activity.

5. Exempt Boiler and/or Industrial Furnace

☐ a. Small Quantity On-site Burner Exemption

☐ b. Smelting, Melting, and Refining Furnace Exemption

☐ **6. Underground Injection Control**

B. Universal Waste Activities

1. Large Quantity Handler of Universal Waste (accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (Mark all boxes that apply):

	Generate	Accumulate
a. Batteries	☒	☒
b. Pesticides	☐	☐
c. Thermostats	☐	☐
d. Lamps	☒	☒
e. Other (specify) _____	☐	☐
f. Other (specify) _____	☐	☐
g. Other (specify) _____	☐	☐

☐ **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities (Mark all boxes that apply.)

1. Used Oil Transporter - Indicate Type(s) of Activity(ies)

☒ a. Transporter

☒ b. Transfer Facility

2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies)

☐ a. Processor

☐ b. Re-refiner

☐ **3. Off-Specification Used Oil Burner**

4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)

☐ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner

☐ b. Marketer Who First Claims the Used Oil Meets the Specifications

11. Description of Hazardous Wastes (See instructions on page 31)

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

Received

JUL 30 2003

Registration and Reporting Section

OMB#: 2050-0175 Expires 12/31/2003

EPA ID No. T X D 0 0 8 9 5 0 4 6 1

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please enter the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

12. Comments (See instructions on page 31)

13. **Certification.** I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. **(See instructions on page 31)**

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
	SEAN EASTON V.P.	7/25/03

CES ENVIRONMENTAL SERVICES, INC.
4904 Griggs Road
Houston, TX 77021
Phone: (713) 676-1460
Fax: (713) 676-1676

August 6, 2003

TXD008950461

Mr. Indra Singh
Environmental Protection Agency
Region 6
1445 Ross Avenue
Dallas, TX 75202

RE: CES Environmental Services Generator Status

Dear Mr. Singh,

Per your request I have prepared the following response to your question regarding which EPA waste codes would be applicable to the hazardous wastes generated at our 4904 Griggs Road Facility:

D001	D002	D004	D005	D006	D007
D008	D009	D010	D011	D012	D013
D014	D015	D016	D017	D018	D020
D021	D022	D023	D024	D025	D026
D027	D028	D029	D030	D031	D032
D033	D034	D035	D036	D037	D038
D039	D040	D041	D042	D043	F001
F002					

If you have any questions or need additional information please contact me at (713) 416-4160. Thank you for your interest in CES Environmental Services, Inc.

Sincerely,

Sean Easton

HZ/RC/~~E~~ 67
TXD008950461

RECEIVED
03 APR -2 AM 7:00
OK/TX RCRA PERMITS SEC
6PD-O

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

NOTICE OF REC[illegible]ND
INTENT TO OBTAIN A NONHAZA[illegible]ID WASTE PERMIT

(PROPOS[illegible]

#3

APPLICATION. CES Environmental S[illegible]l, Houston, Harris County, Texas 77021, an industrial cleaning and disposal [illegible] has applied to the Texas Commission on Environmental Quality (TCEQ) for a new nonhazardous industrial solid waste Permit No. SW-39048. The applicant is requesting authorization to conduct storage of Class I nonhazardous waste. The proposed facility is located at the address list above. This application was submitted to the TNRCC on January 15, 2003. The permit application is available for viewing and copying at the Young Branch Library, 5260 Griggs Road, Palm Center, Houston, Texas 77021.

The TNRCC executive director has determined the application is administratively complete and will conduct a technical review of the application. After completion of the technical review, the TNRCC will issue a Notice of Application and Preliminary Decision.

PUBLIC COMMENT / PUBLIC MEETING.
You may submit public comments on this application. The TNRCC will hold a public meeting on this application. Information concerning this meeting will be given in a another public notice. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. A public meeting is not a contested case hearing.

Written public comments must be submitted to the Office of the Chief Clerk, MC 105, TNRCC, P.O. Box 13087, Austin, TX 78711-3087.

ADDITIONAL NOTICE. After technical review of the application is completed, the executive director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list or the mailing list for this application. That notice will contain the final deadline for submitting public comments.**

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for public comments, the executive director will consider the comments and prepare a response to all relevant and material, or significant public comments. **The response to comments, along with the executive director's decision on the application, will be mailed to everyone who submitted public comments or who is on the mailing list for this application. If comments are received, the mailing will also provide instructions for requesting reconsideration of the executive director's decision and for requesting a contested case hearing.** A contested case hearing is a

713/747-8901 bus

If #3

Registration, Review, & Reporting Division/ Solid Waste Registration #: IHW 30900 CO
Registration & Reporting Section

MEMO TO FILE
RE: UNDELIVERABLE MAIL

EPA ID#: TXD008950461 Company Name: Suttles Truck Leasing Inc

Site Location: 4904 Griggs Rd, Houston, Tx 77021-3208

We have attempted to contact the generator through the following sources (check all that apply):

X TRACS ____ Directory Assistance ____ RCRA Info
X Internet ____ Post Office Markings
____ Receiver's Copy of the Manifest
____ Other Information From the Receiver

We talked with: (See back of form for additional contact info.)

Name: _____ of _____
Date: 2/8/02
Notes: Company has moved + merged.
281/470-0888

X We have found the information needed, as listed below:

New Mailing Address: Suttles Truck Leasing Inc
PO Box 1967
La Porte, Tx 77572-1967

Deactivated 4-15-02

New Contact Person: _____

New Phone Number: _____

And have noted that:

____ The company is out of business and no longer generating hazardous waste.
____ The company is a non-industrial CESQG and does not need to be registered.
____ The company is an industrial CESQG which generates less than 220 pounds Class 1 waste per month and does not need to be registered.
____ The company has moved and is no longer at this address:
They ___do/___do not need to be registered.
Their new numbers are: State _____
EPA _____
This address is occupied by: _____
Phone: _____

Log 7966
Harris
Region 12
TXID

(i:\weval\damt\sop\retmail.frm)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

August 23, 2002

Infile into Vol # 3
Won't for label. This
is a name change.

CES ENVIRONMENTAL SERVICES INC
4904 GRIGGS RD
HOUSTON, TX 77021
ATTN: SEAN EASTON, VICE PRESIDENT

This is to acknowledge that, in compliance with Section 3010 of the Resource Conservation and Recovery Act (RCRA), you have filed a Notification of Regulated Waste Activity for:

CES ENVIRONMENTAL SERVICES INC
4904 GRIGGS RD
HOUSTON, TX 77021

Your EPA Identification Number for this installation is:
TXD008950461

The EPA Identification Number must be included in all shipping manifests for transporting hazardous wastes; on all Bienniel Reports that generators of hazardous wastes, and owners and operators of hazardous waste treatment, storage, and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste reports and documents required under Subtitle C of RCRA. A Subsequent Notification of Regulated Waste Activity is required should any information on the original document change.

Charles Faultry, Chief
RCRA Information Management Section

Used Oil Also

IHW 30900 CO

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

n Approved, OMB No. 2050-0028 Expires 12/31/02
GSA No. 0246-EPA-OT

Please refer to Section V. Line-by-Line Instructions for Completing EPA Form 8700-12 before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

Notification of Regulated Waste Activity

EPA United States Environmental Protection Agency

RECEIVED 02 JUL 11

RECEIVED AUG 19 2002 AM 8:05 6PD-I

Date Received (For Official Use Only)

I. Installation's EPA ID Number *(Mark 'X' in the appropriate box)*

[ ] A. Initial Notification [X] B. Subsequent Notification *(Complete item C)*

C. Installation's EPA ID Number: TXD008950461

II. Name of Installation *(Include company and specific site name)*

CES ENVIRONMENTAL SERVICES INC

III. Location of Installation *(Physical address not P.O. Box or Route Number)*

Street: 4904 GRIGGS ROAD

Street *(Continued)*:

City or Town: HOUSTON | State: TX | Zip Code: 77021-

County Code: 201 | County Name: HARRIS

BB

BB 8/13/02

IV. Installation Mailing Address *(See instructions)*

Street or P.O. Box: 4904 GRIGGS ROAD

City or Town: HOUSTON | State: TX | Zip Code: 77021-

8-19-02

V. Installation Contact *(Person to be contacted regarding waste activities at site)*

Name *(Last)*: EASTON | *(First)*: SEAN

Job Title: VICE PRESIDENT | Phone Number *(Area Code and Number)*: 713-676-1460

VI. Installation Contact Address *(See instructions)*

A. Contact Address: Location [X] Mailing [X]

B. Street or P.O. Box: 4904 GRIGGS ROAD

City or Town: HOUSTON | State: TX | Zip Code: 77021-

VII. Ownership *(See instructions)*

A. Name of Installation's Legal Owner: CES ENVIRONMENTAL SERVICES INC

Street, P.O. Box, or Route Number: 4904 GRIGGS ROAD

City or Town: HOUSTON | State: TX | Zip Code: 77021-

Phone Number *(Area Code and Number)*	B. Land Type	C. Owner Type	D. Change of Owner Indicator Yes	No	Date Changed Month Day Year
713-676-1460	P	P	X		07 01 2002

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

n Approved, OMB No. 2050-0028 Expires 12/31/02
GSA No. 0246-EPA-OT

ID - For Official Use Only

VIII. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes. Refer to instructions)*

A. Hazardous Waste Activities

1. Generator (See Instructions)
   - [X] a. Greater than 1000kg/mo (2,200 lbs.)
   - [ ] b. 100 to 1000 kg/mo (220-2,200 lbs.)
   - [ ] c. Less than 100 kg/mo (220 lbs)
2. Transporter (Indicate Mode in boxes 1-5 below)
   - [ ] a. For own waste only
   - [X] b. For commercial purposes

Mode of Transportation
- [ ] 1. Air
- [ ] 2. Rail
- [X] 3. Highway
- [ ] 4. Water
- [ ] *5. Other - specify*

3. [ ] Treater, Storer, Disposer (at Installation) Note: A permit is required for this activity, see instructions.
4. Exempt Boiler and/or Industrial Furnace
   - [ ] a. Smelting, Melting, and Refining Furnace Exemption
   - [ ] b. Small Quantity On-Site Burner Exemption
5. [ ] Underground Injection Control

B. Universal Waste Activity

[ ] Large Quantity Handler of Universal Waste

C. Used Oil Management Activities

1. Used Oil Transporter/Transfer Facility - Indicate Type(s) of Activity(ies)
   - [X] a. Transporter
   - [X] b. Transfer Facility
2. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)
   - [ ] a. Processor
   - [ ] b. Re-refiner
3. [ ] Off-Specification Used Oil Burner
4. Used Oil Fuel Marketer
   - [X] a. Marketer Who Directs Shipment of Off-Specification Used Oil to Used Oil Burner
   - [X] b. Marketer Who First Claims the Used Oil Meets the Specifications

IX. Description of Hazardous Wastes *(Use additional sheets if necessary)*

A. Listed Hazardous Wastes. *(See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)*

1	2	3	4	5	6

7	8	9	10	11	12

B. Characteristics of Nonlisted Hazardous Wastes. *(Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles; See 40 CFR Parts 261.20 - 261.24; See instructions if you need to list more than 4 toxicity characteristic waste codes.)*

1. Ignitable (D001)	2. Corrosive (D002)	3. Reactive (D003)	4. Toxicity Characteristic	(List specific EPA hazardous waste number(s) for the Toxicity Characteristic contaminant(s)) 1	2	3	4
X	X						

C. Other Wastes. *(State-regulated or other wastes requiring a handler to have an I.D. number; See instructions.)*

1	2	3	4	5	6

X. Certification

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

Signature	Name and Official Title *(Type or print)*	Date Signed
	Sean Easton - Vice President	7/5/02

XI. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. *(See Section IV of the booklet for addresses.)*

"Sed Oil Also

HW 30-2000

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved, OMB No. 2050-0028 Expires 12/31/02
GSA No. 0246-EPA-OT

Please refer to Section V. Line-by-Line Instructions for Completing EPA Form 8700-12 before completing this form. The information requested here is required by law (Section 3010 of the *Resource Conservation and Recovery Act*).

Notification of Regulated Waste Activity

EPA United States Environmental Protection Agency

Received JUL 16 2002 Registration and Permitting Section

Date Received (For Official Use Only) RECEIVED JUN 28 PM 3

I. Installation's EPA ID Number *(Mark 'X' in the appropriate box)*

[ ] A. Initial Notification [X] B. Subsequent Notification *(Complete item C)*

C. Installation's EPA ID Number: TXD008950461

II. Name of Installation *(Include company and specific site name)*

CES ENVIRONMENTAL, INC.

III. Location of Installation *(Physical address not P.O. Box or Route Number)*

Street: 4904 GRIGGS ROAD

JUL 26 2002

Street *(Continued)*:

6PD-1

City or Town: HOUSTON State: TX Zip Code: 77021-

County Code: 201 County Name: HARRIS

BB

done BB 7/19/02

IV. Installation Mailing Address *(See instructions)*

Street or P.O. Box: 4904 GRIGGS ROAD

City or Town: HOUSTON State: TX Zip Code: 77021-

V. Installation Contact *(Person to be contacted regarding waste activities at site)*

Name *(Last)*: EASTON *(First)*: SEAN

Job Title: VICE PRESIDENT Phone Number *(Area Code and Number)*: 713-676-1460

7-29-02

VI. Installation Contact Address *(See instructions)*

A. Contact Address: Location [X] Mailing [ ]

B. Street or P.O. Box: 4904 GRIGGS

City or Town: HOUSTON State: TX Zip Code: 77021-

VII. Ownership *(See instructions)*

A. Name of Installation's Legal Owner: CES ENVIRONMENTAL, INC.

Street, P.O. Box, or Route Number: 4904 Griggs Road

City or Town: HOUSTON State: TX Zip Code: 77021-

Phone Number *(Area Code and Number)*: 713-676-1460

B. Land Type: P

C. Owner Type: P

D. Change of Owner Indicator: Yes [X] No [ ]

Date Changed: Month 06 Day 30 Year 2002

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved, OMB No. 2050-0028 Expires 12/31/02
GSA No. 0246-EPA-OT

Received
JUL 16 2002
Registration and Reporting

ID - For Official Use Only

VIII. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes. See instructions)*

A. Hazardous Waste Activities

1. Generator (See Instructions)
   - [X] a. Greater than 1000kg/mo (2,200 lbs.)
   - [ ] b. 100 to 1000 kg/mo (220-2,200 lbs.)
   - [ ] c. Less than 100 kg/mo (220 lbs)
2. Transporter (Indicate Mode in boxes 1-5 below)
   - [ ] a. For own waste only
   - [ ] b. For commercial purposes

Mode of Transportation
- [ ] 1. Air
- [ ] 2. Rail
- [X] 3. Highway
- [ ] 4. Water
- [ ] *5. Other - specify*

3. [ ] Treater, Storer, Disposer (at Installation) Note: A permit is required for this activity, see instructions.
4. Exempt Boiler and/or Industrial Furnace
   - [ ] a. Smelting, Melting, and Refining Furnace Exemption
   - [ ] b. Small Quantity On-Site Burner Exemption
5. [ ] Underground Injection Control

B. Universal Waste Activity

[X] Large Quantity Handler of Universal Waste

C. Used Oil Management Activities

1. Used Oil Transporter/Transfer Facility - Indicate Type(s) of Activity(ies)
   - [X] a. Transporter
   - [X] b. Transfer Facility
2. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)
   - [ ] a. Processor
   - [ ] b. Re-refiner
3. [ ] Off-Specification Used Oil Burner
4. Used Oil Fuel Marketer
   - [ ] a. Marketer Who Directs Shipment of Off-Specification Used Oil to Used Oil Burner
   - [ ] b. Marketer Who First Claims the Used Oil Meets the Specifications

IX. Description of Hazardous Wastes *(Use additional sheets if necessary)*

A. Listed Hazardous Wastes. *(See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)*

1	2	3	4	5	6
7	**8**	**9**	**10**	**11**	**12**

B. Characteristics of Nonlisted Hazardous Wastes. *(Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles; See 40 CFR Parts 261.20 - 261.24; See instructions if you need to list more than 4 toxicity characteristic waste codes.)*

1. Ignitable *(D001)*	2. Corrosive *(D002)*	3. Reactive *(D003)*	4. Toxicity Characteristic	(List specific EPA hazardous waste number(s) for the Toxicity Characteristic contaminant(s)) 1	2	3	4
X	X		X	D022	D039		

C. Other Wastes. *(State-regulated or other wastes requiring a handler to have an I.D. number; See instructions.)*

1	2	3	4	5	6

X. Certification

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

Signature	Name and Official Title *(Type or print)*	Date Signed
	SEAN EASTON / VICE PRESIDENT	6/13/02

XI. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. *(See Section IV of the booklet for addresses.)*

4th floor

FIN 6-26-98 PM

30900 (LRG)

313562 v. 3

ENVIRONMENTAL PROFESSIONALS

The WCM Group, Inc.

June 22, 1998

RECEIVED

JUN 24 1998

Mr. Bennard Nelson
Data Control Team
Texas Natural Resource Conservation Commission
P. O. Box 13087, MC129
Austin, Texas 78711-3087

CERTIFIED MAIL
RECEIPT NUMBER
Z 291 194 597

Reference: Suttles Truck Leasing, Inc. (formerly Younger Brothers, Inc.)
4904 Griggs Road
Houston, Texas 77021
TNRCC ID No. 30900
U.S. EPA I.D. No. TXD008950461

Dear Mr. Nelson:

On behalf of Suttles Truck Leasing, Inc., referenced above, please revise this facility's Notice of Registration (NOR) to reflect the following:

Company Name and Site Name be changed to Suttles Truck Leasing, Inc.

Jerry Chaffin, Terminal Manager, as the contact person

Waste Stream 0004102H

Should be made "Active."
Current Management Unit should be 002.

Waste Stream 00073101

Should be made "Active."
Current Management Unit should be 003.

Waste Stream 00091191

Should be made "Active."

3230
DT PM
6-24

P.O. Box 3247, Humble, TX 77347-3247 Tel (281) 446-7070 Fax (281) 446-3348 9802 FM 1960 Bypass, Suite 200, Humble, TX 77338

Waste Stream 00135191

Should be made "Active."
Current Waste Management Unit should be 006.

Waste Stream 00141192

Should be made "Active."
Current Waste Management Unit should be 007.

Waste Stream 00152911

Current Waste Management Unit should be changed from 006 & 007 to 002.

Waste Management Unit 002

Please change unit type to "Container." This unit was initially registered as a "tank" in error. The unit has always been a "container."

Please add Waste Stream No. 00199022.

Please see attached Waste Stream Notification Form.

Please add Waste Stream No. 00202191.

Please see attached Waste Stream Notification Form.

Please add Waste Stream No. 00212191.

Please see attached Waste Stream Notification Form.

Please add Waste Stream No. 00222031.

Please see attached Waste Stream Notification Form.

Please add Waste Management Unit "008" to NOR.

See attached Waste Management Unit form.

Thank you for your personal attention. Should you have any questions or comments, please contact me at your convenience.

Sincerely,

Gary L. Carroll
Director, Operations/Field Services

GLC/sr
18657:393004.HOU

Attachments

cc: C. Bean
S. Stricker

HZ/RC/~~EG~~ GT
TXD008950461

JUL 30 2009

Mr. Prabhakar Thangudu
CES Environmental Services, Inc.
4904 Griggs Road
Houston, Texas 77021-3208
pthangudu@cesenvironmental.com

Re: EPA RCRA Compliance Inspection
EPA ID# TXD008950461

Dear Mr. Thangudu:

The Environmental Protection Agency conducted an unannounced Compliance Evaluation Inspection at the CES Environmental Services, Inc: on March 17-19 and April 29, 2009. Based on the information contained in the enclosed inspection report, there are areas of concern identified at your facility for which EPA intends to take enforcement action under the Resource Conservation Recovery Act (RCRA). The attachments except for the photo log are not included in this report but will be sent upon request.

Please review the inspection report and make the appropriate changes at your facility as discussed in the report. Be advised that EPA may communicate with you about the resolution of these concerns as they apply to RCRA at a later date. A copy of the CEI report will be e-mailed to the Texas Commission on Environmental Quality. If you have any questions regarding this matter, please contact me at (214) 665-8006 or e-mail to Smith.Rhonda@epa.gov.

Sincerely yours

Rhonda Smith, Chief
Compliance Enforcement Section (6EN-HE)
Hazardous Waste Enforcement Branch

Enclosure

cc: Mr. Timothy Haase
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087
thaase@tceq.state.tx.us

R:\6EN-HE:AliceWeinberger:ENF\ACTION\CESEnvironmentalServices,Inc.\Transmittal Letter.doc

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

JUL 30 2009

Mr. Prabhakar Thangudu
CES Environmental Services, Inc.
4904 Griggs Road
Houston, Texas 77021-3208
pthangudu@cesenvironmental.com

Re: EPA RCRA Compliance Inspection
EPA ID# TXD008950461

Dear Mr. Thangudu:

The Environmental Protection Agency conducted an unannounced Compliance Evaluation Inspection at the CES Environmental Services, Inc. on March 17-19 and April 29, 2009. Based on the information contained in the enclosed inspection report, there are areas of concern identified at your facility for which EPA intends to take enforcement action under the Resource Conservation Recovery Act (RCRA). The attachments except for the photo log are not included in this report but will be sent upon request.

Please review the inspection report and make the appropriate changes at your facility as discussed in the report. Be advised that EPA may communicate with you about the resolution of these concerns as they apply to RCRA at a later date. A copy of the CEI report will be e-mailed to the Texas Commission on Environmental Quality. If you have any questions regarding this matter, please contact me at (214) 665-8006 or e-mail to Smith.Rhonda@epa.gov.

Sincerely yours

Rhonda Smith, Chief
Compliance Enforcement Section (6EN-HE)
Hazardous Waste Enforcement Branch

Enclosure

cc: Mr. Timothy Haase
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087
thaase@tceq.state.tx.us

6EN-HE H2/RC GT
Received 7/09

MEMORANDUM

DATE: June 15, 2009

SUBJECT: RCRA Compliance Inspection

FROM: Stacey Dwyer, Chief Stacey Dwyer
Surveillance Section (6EN-AS)

TO: Rhonda Smith, Chief
RCRA Compliance and Enforcement Section

RECEIVE
JUN 19 2009
Air/Toxics & Inspection Coordination Branch 6EN-A

The RCRA inspection report has been prepared and reviewed by Compliance Assurance and Enforcement Division personnel. This report is being forwarded to you for your information and action.

Inspection dates: March 17-19 and April 29, 2009
EPA ID No: **TXD008950461**
Name of Facility: **CES Environmental Services Inc.**
Facility Mailing Address: 4904 Griggs Road.
Houston, Texas 77021-3208
Email: pthangudu@cesenvironmental.com
Facility Owner: Same
Telephone: (713) 676-1460
Description of Facility: See Narrative
Type of Ownership: __Federal __State __County __Municipal X Private
Did facility request a copy of the report: X Yes __ No
HW Activities: X Generator X Transporter X Treatment
__ Disposal X Storage
Type of Inspection: X Lead __Overview __PSMS Commitment X CEI
__CME __Land Ban __OIS __Surface Impoundment _BIF
_Case Development_Multimedia
INSPECTION PARTICIPANTS: (name and phone number)
EPA Inspector(s): D. Duster (281) 983-2154
State Inspector(s): See Report
Facility Representative(s): Prabhakar Thangudu
Checklists Completed: (indicate number of each checklist attached)
_Generator __Waste Piles _Thermal Treatment
_TSD __Closure _Chem.,Physical,& Bio. Treatment
_Tanks __Post Closure __Surface Impoundments
_Containers _Incinerator __Generator Supplement
_Landfill _Land Treatment X Attachments
_Transporter _Groundwater _ Photographs
_Land Ban __CME __ LOIS
_O and M __Other **Narrative**
Apparent violations noted during out briefing: See Narrative for listing of areas of concern.

Reviewed by: Ken Coop Date: 6-15-09

CES Environmental Services Inc.
Houston, Texas
TXD008950461

Introduction

On March 17-19 and April 29 2009, I performed an unannounced Resource Conservation Recovery Act (RCRA) compliance evaluation inspection (CEI) at the CES Environmental Services Inc. facility located at 4904 Griggs Road, Houston, Texas 77021-3208. This inspection was one component of a larger EPA multi-media inspection that included the Clean Air Act and NPDES regulatory programs.

Inspection Participants

The following individuals participated in this inspection:

EPA Personnel

David Duster	Inspector	281-983-2154
Ken Cooper	Inspector	281-983-2109
Paul James	Enforcement Officer	214-665-6455
James Eng	NPDES Inspector	281-983-2100
Ken Aubuchon	NPDES Inspector	281-983-2100
Ray Flores	Chemist	281-983-2100
Nick Gannon	Chemist	281-983-2100
Clarence Jackson	Chemist	281-983-2100

TCEQ Personnel

Barbara Johnston	Inspector	713-767-3500

CES Personnel

Prabhakatar Thangudu	HSE Manager	713-676-1460
Joe Camp	Dir. of Processing	713-367-8601
Clark Hickman	Consultant	713-676-1460

Facility and Hazardous Waste Management Overview

The CES Environmental Services Inc. (CES) facility operates as a centralized wastewater treatment plant, an industrial and hazardous waste transporter, a solid and hazardous waste transfer facility and a nonhazardous industrial solid waste processing and storage facility (TCEQ IHW Permit No. 39048). In addition, the facility performs

tank truck and container washing operations and used oil treatment and recovery operations. The facility cleans approximately 4,500 truck trailers, roll-off boxes and totes per year.

CES discharges treated process wastewater to the City of Houston Sims Bayou Wastewater Treatment Facility. CES is subject to applicable pretreatment standards contained in 40 CFR Sections 437.16, 26, 36 and 442.16(b).

A listing of the waste generated by CES and its waste management units is provided in their most recent TCEQ Notice of Registration (NOR) provided in Attachment 1.

Inspection Narrative

EPA and TCEQ inspectors arrived at the CES Environmental Services Inc. facility at approximately 09:30 hrs. on March 17-19, 2009. We presented our credentials to Mr. Prabhakatar Thangudu, HSE Manager, who served as our point of contact during the inspection. I informed Mr. Thangudu of the purpose of the inspection. I also told him that this inspection was conducted as part of an EPA Region 6 initiative focusing on centralized wastewater treatment plants.

Mr. Joe Camp, Director of Processing, provided us a brief description of the facility's wastewater treatment process. Prior to shipment, a profile for each client waste stream is prepared. Incoming streams are segregated into three categories: water with dissolved metals, oil and water, organics and water. The treatment process for each category is provided in Attachment 2.

Following this discussion, Mr. Thangudu and Mr. Camp escorted us on a tour of the facility. During this tour, we observed the facility's used oil processing, tank truck cleaning, methanol recovery, solid waste processing, and waste transfer and wastewater treatment operations. Tanks storing used oil were not labeled with the words "Used Oil."

During this tour and a follow-up walk through the following morning, I observed the facility storing waste material in containers that was suspected of containing hazardous waste. Many of these containers were holding waste generated through their methanol recycling activities. CES recycles methanol through simple distillation. The incoming waste is manifested as a F003 and D001 hazardous waste. A process description for this activity is provided in Attachment 3. An example invoice for sale of this product is also provided in Attachment 3.

To ascertain whether these vessels contained a hazardous waste, samples were collected and analyzed for ignitability and volatile organic chemicals by the EPA mobile lab. A summary of these locations, observations and sample results are provided below. Ignitability testing was performed onsite except for Sample No. 12 that was performed at the EPA Region 6 Laboratory in Houston, Texas. The field results are documented in

CES Environmental Services Inc.
Houston, Texas 77021
TXD008950461

Attachment 4. TCLP testing of Sample No. 8 was conducted at the EPA Houston Laboratory. Also, a confirmatory analysis of Sample No. 11 was performed at the Houston laboratory. The results are documented in Attachment 5.

Sample No.	Location/Unit	Observations	Sample Results
1	CES Trailer 7253	A tank truck trailer holding recyclable methanol was observed parked. The waste was generated at the Evalca Company of America facility located in Pasadena, Texas. The waste was shipped as a D001 and F003 hazardous waste. The trailer was not labeled with the words "hazardous waste." There is no documentation that the container is inspected weekly. *See Photo 1.*	The contents in the trailer were ignitable (D001).
2	CES Trailer 221	A tank truck trailer holding recyclable methanol was observed parked. The waste was generated at the Evalca Company of America facility located in Pasadena, Texas. The waste was shipped as a D001 and F003 hazardous waste. The trailer was not labeled with the words "hazardous waste." There is no documentation that the container is inspected weekly. *See Photo 2.*	The contents in the trailer were ignitable (D001).
3	Tank Wash Bay 5	Two 300-gallon totes were observed with no hazardous waste label or the contents of the container. According to Mr. Camp, the totes contained the "first flush" from tank cleaning. The truck contained recyclable methanol that was manifested as a D001 and F003 hazardous waste. *See Photo 3.*	The contents in the tote were ignitable (D001)
4	Tank Wash Bay 4	Two 300-gallon totes were observed with no hazardous waste label or the contents of the container. According to Mr. Camp, the totes contained the "first	The contents in the totes based on a sample collected from one the totes were ignitable

		flush" from tank cleaning. The truck contained waste from cleaning a tank truck holding recyclable methanol that was manifested as D001 and F003 hazardous waste. *See Photo 4.*	(D001).
5	Totes Located at Gate	Four 300-gallon totes were observed with no hazardous waste label or the contents of the container. Mr. Camp stated the material was returned to "Rain for Rent". *See Photo 5.*	The contents in the totes based on a sample collected from one of the totes were ignitable (D001). *I requested an MSDS of this material. To date, CES has not provided this documentation.*
6	55-gallon Drum Labeled "Spent Caustic"	A 55-gallon drum labeled as holding non-hazardous waste, spent caustic was observed.	The pH of the material was 6.6
7	Discharge to City of Houston POTW	The discharge to the City of Houston POTW is exempt from RCRA regulation.	Benzene, toluene, ethyl benzene, and xylene were detected.
8	Filter Cake From Waste Water Filter Press	Sludge generated by wastewater treatment. Disposed in non-hazardous waste landfill.	Results indicate the sludge is a non-hazardous waste.
9	55-gallon Drum CES Profile No. 1899	55-gallon drum labeled as non-hazardous.	The pH of the material was 2.6
10	Tote in Metal Fabrication Shop	Unlabeled tote.	The pH of the material was 9.9
11	CES Frac Tank No. 1002	Three frac tanks labeled as Tank No. 1001, 1002 and 1003 hold wastewater. According to CES personnel Mr. Camp and Mr. Clint Holdin, wastewater stored in these tanks are destined for processing or off-site disposal depending on specifications, particularly metal content. *See Photo 6.*	The material tested from Tank No. 1002 was ignitable (D001) and contained benzene (D018) at 6.5 parts per million.
12	Recycled Methanol Stored in Less than 90 Day Storage Area	Five 300-gallon containers were observed without a hazardous waste label. Two of the containers were open. *See Photo 7.*	The contents in the totes based on a sample collected from one of the totes were ignitable

			(D001).

Also, during the tour I observed four 55-gallon containers that were stored in the less than 90-day storage area, prior to being bulked and shipped to the Rinco hazardous waste treatment facility in Benton, Arkansas. The containers were not labeled with the words "hazardous waste" or a date of accumulation. The contents of the containers are profiled in the hazardous waste manifest for shipment to Rinco as a D001 hazardous waste (See Attachment 6). The material was generated at the Lubrizol facility in Deer Park, Texas. *See Photo 8.* The waste material had not exceeded the allowable time for storage at a hazardous waste transfer facility. Also, three 55-gallon drums holding waste oil were not labeled with the words "used oil."

I returned to CES on April 29, 2009 to follow-up on unresolved issues from my previous visit. I was accompanied by EPA NPDES inspector, Mr. Ken Aubuchon. During this visit, I requested the facility to provide me the following information: 1) a description of use of the frac tanks in wastewater treatment process, 2) a process description of the methanol recovery, 3) copies of invoices from sale of recovered methanol and 4) copies of manifests from tank trucks that contain the wastes from washing those trucks located in Tank Wash Bays No. 4 and No. 5 and less than 90 day storage area and 5) MSDS sheets detailing waste characteristics from "Rain for Rent" containers that were tested in Sample No. 5.

A review of this information indicates that the facility recycles methanol that was shipped and received as a D001 and F003 hazardous waste. The wastes that were tested in Samples No. 3, 4 and 12 originated from Tank Truck 7253. A copy of the waste manifest for waste shipped in Tank Truck 7253 that identifies the waste contents is provided in Attachment 3. CES waste profile indicates that it contains 50-80 percent methanol (See Attachment 7). The recovered methanol is sold at $0.30/gallon rate (See Attachment 3). CES has not provided me MSDS information on the waste that was stored in containers tested in Sample No. 5.

Areas of Concern

1. Tank Truck Trailers No. 221 and No. 7253 were observed storing waste methanol. According the waste manifest for Tank Truck No. 7253, the waste is classified as a F003 and D001 hazardous waste (See Attachment 3). CES waste profile indicates that this waste contains 50-80 percent methanol (See Attachment 7). The tanks trucks were not labeled with the words "hazardous waste," a date of accumulation, or inspected on a weekly basis. See Attachment 9 for weekly container inspection documentation. *See Photos 1-2.*

2. Four 300-gallon containers holding wastes from washing Tank Truck No. 7253, located in Tank Wash Bays No. 4 and No. 5, were not labeled with the words "hazardous waste" or a date that accumulation in excess of 55-gallons began. There is no indication that the wastes were stored greater than three days at the

point of generation. The waste material was a F003 listed waste and was ignitable (D001) based on EPA testing. *See Photos 3-4.*

3. Five 300-gallon containers were observed stored in the facility's less than 90-day container storage area. According to Mr. Holdin (See Attachment 3), the wastes in these containers resulted from washing Tank Truck Trailer No. 7253. Two of drums were observed open. The containers were not labeled with the words "hazardous waste" or a date of accumulation. *See Photo 7.*

4. Also, during the tour I observed four 55-gallon containers that were stored in the less than 90-day storage area, prior to being bulked and shipped to the Rinco hazardous waste treatment facility in Benton, Arkansas. The containers were not labeled with the words "hazardous waste" or a date of accumulation. The contents of the containers are profiled in the hazardous waste shipment manifest to Rinco as a D001 hazardous waste (See Attachment 6). The material was generated at the Lubrizol facility in Deer Park, Texas. The waste material had not exceeded the allowable time for storage at a hazardous waste transfer facility. *See Photo 8.* (9)

5. CES utilizes three frac tanks, labeled as Tank No. 1001, 1002 and 1004 to store wastewater. According to CES personnel, Mr. Camp and Mr. Clint Holdin, wastewater stored in these tanks are destined for processing or off-site disposal depending on specifications, particularly metal content. The material tested from Tank No. 1002 was ignitable (D001) and contained benzene (D018) at 6.5 parts per million. These tanks are not listed in CES's pretreatment application. CES's wastewater treatment flow diagram indicates that these tanks serve as equalization tanks (See Attachment 3). I informed Mr. Thangudu, Mr. Camp and Mr. Holdin that if these tanks are an integral part of CES's wastewater treatment, they should provide notification to the City of Houston pretreatment program of their installation and use. *See Photo 6.*

6. Three 55-gallon drums holding waste oil were not labeled with the words "used oil." *See Photo 9.* 8 Also used oil processing and feed tanks were not labeled with the words "used oil."

7. To date, CES has not provided information on the waste characteristic of four 300-gallon containers observed by the front of the gate. A sample collected from the containers indicates that the waste was a D001, ignitable, hazardous waste. The containers were not labeled with the words "hazardous waste" or marked with the date of accumulation. *See Photo 5.* According to Mr. Camp, the containers belonged to "Rain for Rent." The waste and containers were returned to "Rain for Rent."

8. CES' responses to these areas of concern are provided in Attachment 8.

CES Environmental Services Inc.
Houston, Texas 77021
TXD008950461

David Duster

Attachment 1 CES Most Recent TCEQ Notice of Registration
Attachment 2 CES Wastewater Treatment Flow Diagram
Attachment 3 Methanol Recycling Process Description, Waste Methanol Manifests, Product Invoice
Attachment 4 Field Ignitability and VOC Test Results
Attachment 5 EPA Laboratory Confirmation Analytical Results
Attachment 6 Rinco Shipment Manifest
Attachment 7 CES Waste Methanol Profile
Attachment 8 CES' Response
Attachment 9 Weekly Container Inspection Documentation

Photolog
CES Environmental Services
March 17-19, 2009 and April 29, 2009

Photo 1. Tank Truck 7253, storing recyclable methanol, shipped as a F003 and D001 hazardous waste. March 17, 2009. Photographer: David Duster

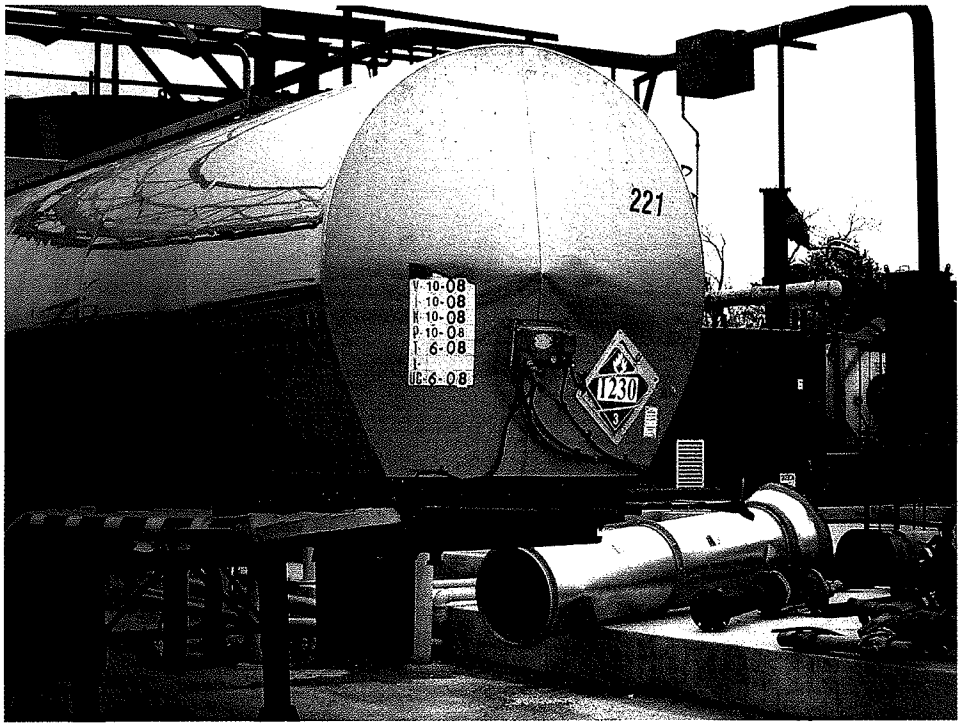


Photo 2. Tank Truck 221, storing recyclable methanol, shipped as a F003 and D001 hazardous waste. March 17, 2009. Photographer: David Duster

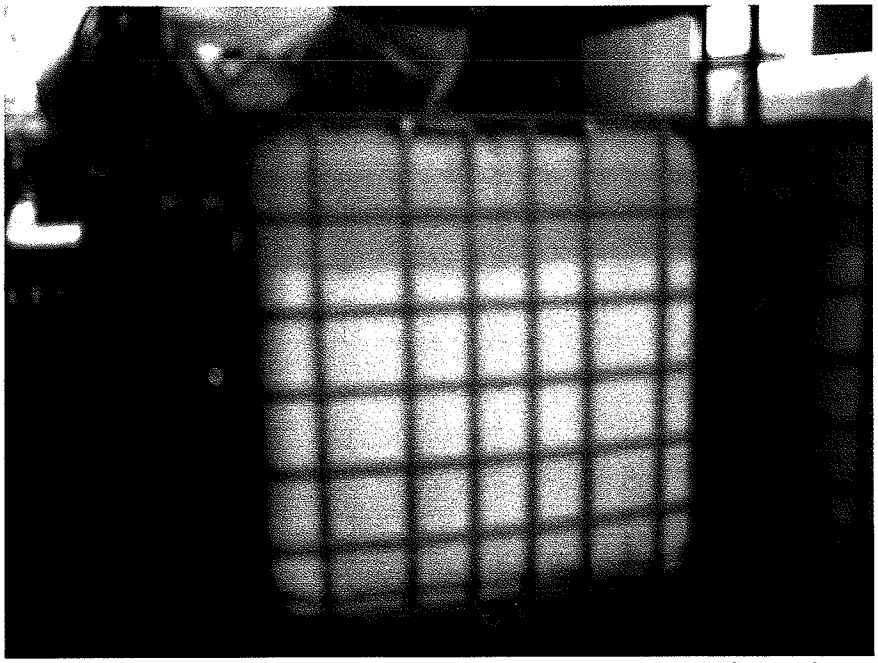


Photo 3. Totes located in Tank Wash Bay No. 5, containing waste from cleanout of tank truck holding F003 and D001 waste.

Photo 4. Totes located in Tank Wash Bay No. 4, containing waste from cleanout of tank truck holding F003 and D001 waste. March 18, 2009. Photographer: Ray Flores.

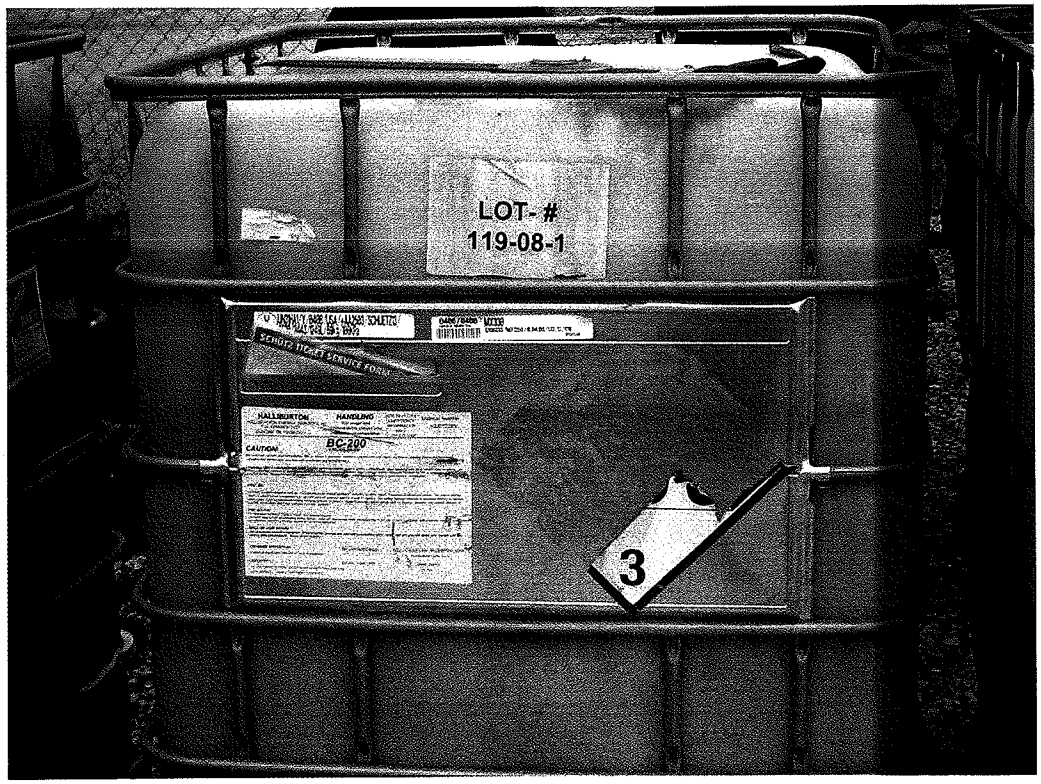


Photo 5: Four Drums from "Rain for Rent" that were labeled as holding non-hazardous waste. Drums were returned to "Rain for Rent." The material tested positive for ingitability. March 17, 2009. Photographer: David Duster.

Photo 6. Frac Tank holding D018 waste based on EPA analytical results. April 29, 2009. Photographer: David Duster.

Photo 7. Seven drums stored in the less than 90-day container storage area. Drums were not labeled with the words "hazardous waste" or a date of accumulation. Two containers were observed open. According to Mr. Camp, the waste was derived from recycling the F003 and D001 waste methanol. March 17, 2009. Photographer: David Duster.

Photo 8. Containers holding spent or waste oil. The drums should be labeled with the words "used oil." March 17, 2009. Photographer: David Duster.

Photo 9. Seven 55-gallon containers holding hazardous waste that was bulked and sent to Rinco in Benton, Arkansas. The drums were not labeled with the words "hazardous waste." March 17, 2009. Photographer: David Duster.

Attachment 1

RECEIVED
FEB 23 2009
BY:

H.S Buddy Garcia, *Chairman*
Bryan W. Shaw, *Commissioner*
Larry R. Soward, *Commissioner*
Mark Vickery, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 7, 2009

Prabhakar Thangudu
CES Environmental Services Inc
4904 Griggs Rd
Houston TX USA 77021

Re: Electronic Notice of Registration Amendment for SWR: 30900

Dear Prabhakar Thangudu:

Thank you for the recent electronic submittal for updating your facility's Notice of Registration (NOR). The Texas Commission on Environmental Quality is pleased to provide you with a summary of the results of your electronic submittal. Your amendment(s) has been processed with the following results:

1 attempted change was received.
1 attempted change was updated to your NOR.

A copy of the amended NOR is enclosed for your convenience. Please review it and notify the Data Analysis Team if there are any errors.

If you have any questions or comments on the processing of your electronic NOR amendment submittal, please contact the Data Analysis Team at (512) 239-6413. If your questions are of a technical nature concerning STEERS, please call the STEERS helpline at (512) 239-6925 and leave a detailed message. Your call will be returned within 24 hours. Thank you for reporting electronically.

Sincerely,

Data Analysis and Management Team
Waste Evaluation Section, MC 129
Registration and Evaluation Division

Enclosure

*** TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ***
Notice of Registration
Industrial and Hazardous Waste

egistration does not constitute authorization of any waste management activities or facilites listed below. The registration reflects hazardous and/or industrial waste generation and management activities for which the registrant has provided notification. Requirements for solid waste management are provided by Texas Administrative code section 335 of the rules of the Texas Commission on Environmental Quality (TCEQ). Changes or additions to waste management methods referred to in this notice require written notification to the TCEQ.

Solid Waste Registration Number: 30900 EPA Id: TXD008950461

The Solid Waste Registration Number provides access to computerized and filed information pertaining to your operation. Please refer to that number in any correspondence.

Region: 12
County: 101 Harris
Land Type: Private
Title: Vice President
Site Street Address: 4904 Griggs Rd
Houston, TX 77221-3298
Reporting Method: STEERS

Initial Registration Date: 02/18/1977
Last Amendment Date: 01/06/2009
Last Date NOR Computer update: 01/07/2009
Phone: 713-676-1460

Company Name: CES Environmental Services Inc
Site Name: CES Environmental Services
Site Location: 4904 Griggs Rd, Houston, TX
Primary Contact: Thangudu, Prabhakar
Mailing Address: 4904 Griggs Rd
Houston, TX 77021-3208

Registration Status: Active HW Permit #: 39048 IW Permit #: 39048
Registration Type: Generator Receiver Transporter Transfer Facility
Hazardous Waste Generation Status: Large Quantity Generator
Generator Type: Industrial
Receiver Type: Commercial
Transporter Type: For hire Transport own waste
Transport Wst Class: 1 2 H Used Oil

Business Description: Operation of a nonhazardous industrial solid waste processing and storage facility.

NAICS Code: 562219 Other Nonhazardous Waste Treatment and Disposal
Handler Status: Recycler

Operator Information
Name: CES Environmental Services Inc
Phone: 713-676-1460
Address: 4904 Griggs Rd
Houston, TX, 77021-3208

Owner Information
Name: CES Environmental Services Inc
Phone: 713-676-1460
Address: 4904 Griggs Rd
Houston, TX, 77021-3208

Billing Contact:
Billing Address: ATTN: Accounts Payable
4904 Griggs
Houston, TX 77021-3208

Title: Phone:

Other Contact: GUIDRY, KARL
Mailing Address: 4904 Griggs Rd
Houston, TX 77021

Role: Owner's Representative Phone:

Other Contact: Thangudu, Prabhakar
Mailing Address: 4904 Griggs Rd
Houston, TX 77021

Role: STEERS Contact Phone: 713-676-1460

As of 01/06/2009 - the next unassigned sequence number for WASTES is 9031 and
the next unassigned sequence number for UNITS is 130.

Section 335, Chapter 31 of the Texas Adminstrative Code specifies the notification, record keeping, manifesting and reporting requirements for hazardous and industrial solid wastes.

30900 CES Environmental Services Inc

**** WASTE INFORMATION ****

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

****** Active Wastes ******

90011191 1 Active 06/18/02 On/Off No

Description from Generator: Non RCRA regulated rinse water. Generating process: Rinsing w/ pressure washer of RCRA Empty containers. Date of generation 6-30-2002

Texas Form Code: 119 Other inorganic liquids

Current Management Units: Tank 101 102 126 127 128 129
Contain Store Area 107
WWTP 109

* Origin Codes: 1 Onsite-process/service

90025191 1 Active 06/18/02 On/Off No No

Description from Generator: Non RCRA regulated waste sludge. Generating process: Removal of non haz from tanks and totes before destruction. Date of generation: 7-1-2002

Texas Form Code: 519 Other inorganic sludges

Current Management Units: Tank 129
Misc Store Container 103

* Origin Codes: 3 From non-haz waste mgmt

90049992 2 Active 06/18/02 On No Yes

Description from Generator: Plant trash generated from on-site activities. Date of generation: 7-1-02.

Texas Form Code: 999 Plant Refuse

Current Management Units: Misc Store Container 104

* Origin Codes: 1 Onsite-process/service

9005609H H Active 06/18/02 On/Off No No

Description from Generator: Flammable sludge. Generating process: removal of unused products from tank/tote management services. Date of generation: 7-1-02.

Texas Form Code: 609 Other organic sludges

EPA Form Code: W609 Other organic sludge

EPA Hazardous Waste Numbers: D001 D002 D018 F005

Current Management Units: Contain Store Area 105

* Origin Codes: 1 Onsite-process/service

* Source Codes: G09 Other production or service-related processes

* NAICS Code: 236220 Commercial and Institutional Building Construction

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30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

****** Active Wastes ******

9010609H H Active 06/18/02 On No No

Description from Generator: Flammable/corrosive sludge. Generating process: Removal of unused product from tank/tote management services. Date of generation: 7-1-02.
Texas Form Code: 609 Other organic sludges
EPA Form Code: W609 Other organic sludge
EPA Hazardous Waste Numbers: D001 D002
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G09 Other production or service-related processes
* NAICS Code: 236220 Commercial and Institutional Building Construction

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9011110H H Active 06/18/02 On No No

Description from Generator: Corrosive sludge alkaline. Generating process: Removal of unused products from tank/tote management services. Date of generation: 7-1-02.
Texas Form Code: 110 Caustic aqueous waste
EPA Form Code: W110 Caustic aqueous waste without cyanides
EPA Hazardous Waste Numbers: D002
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G09 Other production or service-related processes
* NAICS Code: 236220 Commercial and Institutional Building Construction

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9012105H H Active 06/18/02 On No No

Description from Generator: Corrosive Sludge acidic. Generating process: Removal of unused products from tank /tote management services. 7-1-2002
Texas Form Code: 105 Acidic aqueous waste
EPA Form Code: W105 Acidic aqueous wastes less than 5% acid
EPA Hazardous Waste Numbers: D002
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G09 Other production or service-related processes
* NAICS Code: 236220 Commercial and Institutional Building Construction

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9013409H H Active 04/29/03 On No No

Description from Generator: Hazardous Waste Solids from the cleaning of totes, tanks, Roll-off boxes, Vacuum Boxes, and tanker trucks.
Texas Form Code: 409 Other non-halogenated organic solids
EPA Form Code: W409 Other organic solids
EPA Hazardous Waste Numbers: D004 D005 D006 D007 D008 D009 D010 D011 D012 D013 D014 D015 D016 D017 D018 D021 D023 D024 D025 D026 D030 D035 D036 D038 D043 U037
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G13 Cleaining out process equipment
* Measurement Points: 1 Before mixing
* NAICS Code: 236220 Commercial and Institutional Building Construction
Company's Internal Code(s): HAZ WASTE SOLIDS

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

****** Active Wastes ******

9014206H H Active 06/18/03 On No No
Description from Generator: Halogenated Hydrocarbon and water mixture
Texas Form Code: 206 Waste oil
EPA Form Code: W206 Waste oil
EPA Hazardous Waste Numbers: D020 D021 D022 D027 D028 D029 D031 D032 D033 D034 D037 D039 D040 D041 D042 F001 F002 F003 F004 F005
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G19 Other one-time intermittent processes
* Measurement Points: 1 Before mixing
* NAICS Code: 236220 Commercial and Institutional Building Construction
Company's Internal Code(s): HAL HYDROCARB H20

9015519H H Active 07/20/04 On/Off No No
Description from Generator: Generated from rinsing and removing residues from tank trailers, totes and vacuum boxes
Texas Form Code: 519 Other inorganic sludges
EPA Form Code: W519 Other inorganic sludges
EPA Hazardous Waste Numbers: D004 D005 D006 D007 D008 D009 D010
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G09 Other production or service-related processes
* Measurement Points: 1 Before mixing
* NAICS Code: 236220 Commercial and Institutional Building Construction
Company's Internal Code(s): METAL SLUDGES

90161192 2 Active 07/20/04 On No No
Description from Generator: Rinse water from tank cleaning process discharged to local POTW
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank 126 127 128 129
Contain Store Area 107
WWTP 109
* Origin Codes: 1 Onsite-process/service
Company's Internal Code(s): POTW DISCHARGE WATER

90171142 2 Active 05/11/05 On No No
Description from Generator: Treated Class 2 Wastewater discharged to a POTW from wastewater treatment facility used to treat industrial wastewater.
Texas Form Code: 114 Other aqueous waste with low dissolved solids
Current Management Units: Tank 111 112 113 114 115 119 120 121 122 126 127 128
* Origin Codes: 1 Onsite-process/service
Company's Internal Code(s): WATER TO POTW

90185191 1 Active 05/11/05 On No No
Description from Generator: Inorganic sludge generated from treatment of water with dissolved metals, or acid/base solutions.
Texas Form Code: 519 Other inorganic sludges
Current Management Units: Tank 119 120 121 122
* Origin Codes: 1 Onsite-process/service
Company's Internal Code(s): INORGANIC SLUDGE

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

****** Active Wastes ******

9019519H H Active 05/11/05 On No No

Description from Generator: Precipitated hazardous sludge from the treatment of water with dissolved metals, and acid/base solutions.
Texas Form Code: 519 Other inorganic sludges
EPA Form Code: W105 Acidic aqueous wastes less than 5% acid
EPA Hazardous Waste Numbers: D004 D005 D006 D007 D008 D009 D011
Current Management Units: Tank 119 120 121 122
* Origin Codes: 5 Onsite haz waste mgmt
* System Types: 077 Other chemical precipitation with or without pre-t 123 Settling or clarification
135 Discharge to sewer/POTW or NPDES (with prior stora
* Source Codes: G23 Wastewater treatment (sludge, filter cake, etc.)
* Measurement Points: 2 After mix (haz. only)
* NAICS Code: 562211 Hazardous Waste Treatment and Disposal
Company's Internal Code(s): INORGANIC SLUDGE HAZ

90206091 1 Active 08/19/05 On No No

Description from Generator: Generated from the consolidation of various non-hazardous, Class-1 sludges per permit ISWP No. 39048.
Texas Form Code: 609 Other organic sludges
Current Management Units: Tank 108 126 127 128
Contain Store Area 106 107
* Origin Codes: 4 Received from offsite
Company's Internal Code(s): NON-HAZARDOUS SLUDGE

90216092 2 Active 08/19/05 On No No

Description from Generator: Generated from the consolidation of various non-hazardous, class-2 sludges per permit No. 39048.
Texas Form Code: 609 Other organic sludges
Current Management Units: Tank 108 126 127 128
Contain Store Area 106 107
* Origin Codes: 4 Received from offsite
Company's Internal Code(s): NON-HAZ CLASS2 SLUDG

90224091 1 Active 08/19/05 On No No

Description from Generator: Generated from the consolidation of various non-hazardous, class-1 solids per permit No. 39048. Per a notification dated September 27, 2005, this waste is recycled by being used as road base material.
Texas Form Code: 409 Other non-halogenated organic solids
Current Management Units: Tank 108
Contain Store Area 106 107
* Origin Codes: 4 Received from offsite
Company's Internal Code(s): CLASS 1 NON-HAZ SOLI

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete
****** Active Wastes ******						
90234092 2		Active	08/23/05	On	No	No

Description from Generator: Generated from the consolidation of various non-hazardous, Class II solids per Permit No. 39048.
Texas Form Code: 409 Other non-halogenated organic solids
Current Management Units: Tank 108
Contain Store Area 106 107
* Origin Codes: 4 Received from offsite
Company's Internal Code(s): CLASS II SOLIDS

90241191 1 Active 09/27/05 On No No
Description from Generator: Water-soluble liquids and oily waters with low solids. Generating Process: Non-hazardous waste in drums, roll-off boxes, or other containers.
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank 108 110 111 112 113 114 115 126 127 128
Contain Store Area 106 107
* Origin Codes: 3 From non-haz waste mgmt
Company's Internal Code(s): INORGANIC LIQUIDS

9025403H H Active 11/14/05 On/Off No No
Description from Generator: Removal of heels from trailers/containers.
Texas Form Code: 403 Solid resins or polymerized organics
EPA Form Code: W403 Solid resins, plastics or polymerized organics
EPA Hazardous Waste Numbers: D003 U223
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G14 Removal of tank sludge, sediments or slag
* Measurement Points: 1 Before mixing
* NAICS Code: 236220 Commercial and Institutional Building Construction
Company's Internal Code(s): WASTE TDI

90261191 1 Active 01/04/06 On No No
Description from Generator: Water-soluble liquids and oily waters with low solids and includes alcohols at a maximum of 23% by volume. Generating Process: Non-hazardous waste in drums, roll-off boxes, or other containers.
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank 108 110 111 112 113 114 115 126 127 128
Contain Store Area 106 107
* Origin Codes: 3 From non-haz waste mgmt
Company's Internal Code(s): INORGANIC LIQUIDS

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

****** Active Wastes ******

9027207H H Active 02/25/08 Off No No
Description from Generator: Concentrate from R/O unit generated from wastewater treatment facility used to treat industrial wastewater and recyclable oily/gassy water.
Texas Form Code: 207 Concentrated aqueous solution of other organics
EPA Form Code: W205 Oil-water emulsion or mixture
EPA Hazardous Waste Numbers: D001 D018
Current Management Units: None
* Origin Codes: 3 From non-haz waste mgmt
* Source Codes: G09 Other production or service-related processes
* Measurement Points: 3 After mix (non-haz)
* NAICS Code: 562219 Other Nonhazardous Waste Treatment and Disposal
Company's Internal Code(s): R O CONCENTRATE

90286031 1 Active 11/12/07 On No No
Description from Generator: Centrifuge sludge
Texas Form Code: 603 Oily sludge
Current Management Units: Misc Store Container 103
* Origin Codes: 1 Onsite-process/service
Company's Internal Code(s): CENTRIFUGE SLUDGE

9029319H H Active 01/02/08 On No No
Description from Generator: Removal of sludge/solids from pressing caustic
Texas Form Code: 319 Other waste inorganic solids
EPA Form Code: W519 Other inorganic sludges
EPA Hazardous Waste Numbers: D018
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G07 Product and by-product processing
* Measurement Points: 1 Before mixing
* NAICS Code: 562219 Other Nonhazardous Waste Treatment and Disposal
Company's Internal Code(s): HAZ-WASTE SOLIDS

9030601H H Active 04/09/08 Off No No
Description from Generator: Still bottoms
Texas Form Code: 601 Still bottoms of halogentd solvnts/organic liquids
EPA Form Code: W319 Other inorganic solids
EPA Hazardous Waste Numbers: D001 F002 F003
Current Management Units: None
* Origin Codes: 5 Onsite haz waste mgmt
* System Types: 020 Solvents recovery
* Source Codes: G07 Product and by-product processing
* Measurement Points: 1 Before mixing
* NAICS Code: 562219 Other Nonhazardous Waste Treatment and Disposal
Company's Internal Code(s): STILL BOTTOMS

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* The first value is considered the primary value (e.g. primary origin code).
As of 01/06/2009, the next unassigned sequence number for WASTES is 9031.

Refer to 40 CFR Part 261 for Descriptions of EPA Hazardous Waste Numbers.

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete
** No Longer Generated Wastes **						
00022061 1		Inactive	10/18/96	NA	No	No

Description from Generator: Waste oil currently generated through general vehicle maintenance operations.
Refers to waste code (6): 210450
Texas Form Code: 206 Waste oil
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

0004102H H Inactive 07/17/02 NA No No

Description from Generator: Mixed organics (<4%), inorganic caustic (<1%) & water (>95%). Currently generated through cleaning "RCRA empty" containers (tank trucks).
Refers to waste code (6): 908920
Texas Form Code: 102 Aqueous waste with low other toxic organics
EPA Form Code: W101 Very dilute aqueous waste containg more than 99% w
EPA Hazardous Waste Numbers: D002
Current Management Units: Misc Store Container 002
* Origin Codes: 1 Onsite-process/service
* Source Codes: G01 Dip, flush or spray rinsing
* Measurement Points: 1 Before mixing
* NAICS Code: 488490 Other Support Activities for Road Transportation

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00073101 1 Inactive 07/17/02 NA No No

Description from Generator: Used oil filters currently generated through general vehicle maintenance operations. This waste is recycled by being sent to a recycling facility in Mexia, Texas.
Texas Form Code: 310 Spent solid filters or adsorbents (inorganic)
Current Management Units: Misc Store Container 009
* Origin Codes: 1 Onsite-process/service

00089012 2 Inactive 10/18/96 NA No Yes

Description from Generator: Plant production refuse currently generated during normal facility & office operations.
Texas Form Code: 901 Plant production refuse
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

00091191 1 Inactive 07/17/02 NA No No

Description from Generator: Mixed organics (<1%), inorganic caustic (<1%) & water (>98%). "Final internal & external rinsewaters" are currently generated through cleaning "RCRA empty" containers (tank trucks).
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank (Surface) 007
* Origin Codes: 1 Onsite-process/service

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

** No Longer Generated Wastes **

00103191 1 Inactive 10/18/96 NA No No
Description from Generator: Generated through a routine cleaning of a tank washing process vat as a result of cleaning "RCRA empty" containers (tank trucks).
Texas Form Code: 319 Other waste inorganic solids
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

00114891 1 Inactive 10/18/96 NA No No
Description from Generator: Petroleum (oils & greases) contaminated rags currently generated during general vehicle maintenance operations.
Texas Form Code: 489 Petroleum contaminated solids
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

00124891 1 Inactive 10/18/96 NA No No
Description from Generator: "Petroleum contaminated solids" absorbents (>99%) & miscellaneous organic chemicals (<1%). This waste stream is currently generated during general "housekeeping" maintenance operations.
Texas Form Code: 489 Petroleum contaminated solids
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

00135191 1 Inactive 07/17/02 NA No No
Description from Generator: Oil/water separator solids currently generated during internal & external washing of "RCRA empty" containers (tank truck).
Texas Form Code: 519 Other inorganic sludges
Current Management Units: Sump 006
* Origin Codes: 1 Onsite-process/service

00141192 2 Inactive 07/17/02 NA No Yes
Description from Generator: Pretreated effluent discharged to the City of Houston's wastewater treatment system. Effluent meets the criteria of a class 2 waste under Subchapter R requirements & this waste code is being added as a companion to waste code 00091191, final internal & external rinsewaters, to avoid confusion on the exempt status of the annual generator fee for waste code 00091191
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank (Surface) 007
* Origin Codes: 1 Onsite-process/service

00152191 1 Inactive 06/18/02 NA No No
Description from Generator: This is a first flush from internal tank washes. This stream goes to on site storage for transport to off site treatment.
Texas Form Code: 219 Other organic liquids
Current Management Units: Sump 006
Tank (Surface) 007
Misc Store Container 002
* Origin Codes: 3 From non-haz waste mgmt

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

** No Longer Generated Wastes **

0016219H H Inactive 06/18/02 NA No No
Description from Generator: This material is flammable "heel" drummed from transport trailers before first flush.
Texas Form Code: 219 Other organic liquids
EPA Form Code: W219 Other organic liquid
EPA Hazardous Waste Numbers: U002 U031 U118 U154 U162 U165 U220 U239 U359
Current Management Units: Contain Store Area 003
* Origin Codes: 5 Onsite haz waste mgmt
* Source Codes: G09 Other production or service-related processes
* Measurement Points: 1 Before mixing
* NAICS Code: 811211 Consumer Electronics Repair and Maintenance

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00199022 2 Inactive 07/17/02 NA No No
Description from Generator: Supplemental plant production refuse and cleaned cut up hoses.
Texas Form Code: 902 Supplemental plant production refuse
Current Management Units: Misc Store Container 005
* Origin Codes: 1 Onsite-process/service

00202191 1 Inactive 07/17/02 NA No No
Description from Generator: Lube oils and additives
Texas Form Code: 219 Other organic liquids
Current Management Units: Contain Store Area 003
* Origin Codes: 1 Onsite-process/service

00212191 1 Inactive 07/17/02 NA No No
Description from Generator: Used engine oil generated from maintenance operations.
Texas Form Code: 219 Other organic liquids
Current Management Units: Tank (Surface) 008
* Origin Codes: 1 Onsite-process/service

00222031 1 Inactive 07/17/02 NA No No
Description from Generator: Spent diesel fuel contaminated with lub oil and petroleum distillates.
Texas Form Code: 203 Non-halogenated solvent
Current Management Units: Tank (Surface) 004
* Origin Codes: 1 Onsite-process/service

00234891 1 Inactive 07/17/02 NA No No
Description from Generator: Rags contaminated with petroleum products
Texas Form Code: 489 Petroleum contaminated solids
Current Management Units: Misc Store Container 009
* Origin Codes: 1 Onsite-process/service

00244891 1 Inactive 07/17/02 NA No No
Description from Generator: Petroleum Wax
Texas Form Code: 489 Petroleum contaminated solids
Current Management Units: Contain Store Area 003
* Origin Codes: 1 Onsite-process/service

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete
** No Longer Generated Wastes **						
00251021 1		Inactive	07/17/02	NA	No	No

Description from Generator: Aqueous waste with low other toxic organ
Texas Form Code: 102 Aqueous waste with low other toxic organics
Current Management Units: Misc Store Container 002
* Origin Codes: 1 Onsite-process/service

90032191 1		Inactive	07/01/02	NA	No	No

Description from Generator: This is a first flush from internal tank washes. Date of generation: 7-1-02.
Texas Form Code: 219 Other organic liquids
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

30900 CES Environmental Services Inc

**** UNITS AT THIS SITE MANAGING WASTE ****

** 'Active', 'Closure Pending' & 'Closure Request' Units **

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date
002	Misc Store Container	Closure Request	01/08/07	1 H/ NA	NA	NA		NA /
System Types: 141 Storage, bulking, and/or transfer off-site - no tr								
Biennial System Regulatory Status: Regulatory status unknown								
Wastes Previously Managed in Unit: 109270 9014206H 909270								
003	Contain Store Area	Closure Request	08/24/06	1 H/ NA	NA	NA	RCRA Pmt Exempt - Accumulation Time	NA /
Description from Company: This facility's "old wash rack" has been designated a waste management unit for miscellaneous 55 gallon drums. This area is covered & inspected weekly for possible hazards.								
System Types: 141 Storage, bulking, and/or transfer off-site - no tr								
Biennial System Regulatory Status: Regulatory status unknown								
Wastes Previously Managed in Unit: 00073101 00103191 00114891 00124891 00222031								
004	Tank (Surface)	Closure Request	08/24/06	1/ NA	NA	NA	Non-Hazardous Regulated	NA /
Description from Company: Steel tank								
Capacity: 500.0000 Capacity Unit of Measure: G								
System Types: 141 Storage, bulking, and/or transfer off-site - no tr								
Biennial System Regulatory Status: Regulatory status unknown								
Wastes Previously Managed in Unit: 00022061 00202191								
005	Misc Store Container	Closure Request	08/24/06	2/ NA	NA	NA	Non-Hazardous Regulated	NA /
Description from Company: 7-15 cubic yard dumpster								
System Types: 141 Storage, bulking, and/or transfer off-site - no tr								
Biennial System Regulatory Status: Regulatory status unknown								
Wastes Previously Managed in Unit: 00089012 00135191								
006	Sump	Closure Request	08/24/06	1/ NA	NA	NA	Non-Hazardous Regulated	NA /
Description from Company: Subsurface sumps or oil/water separator basins unit.								
System Types: 124 Phase separation								
Biennial System Regulatory Status: Regulatory status unknown								
007	Tank (Surface)	Closure Request	08/24/06	1 2/ NA	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /
Description from Company: ph adjustment unit								
System Types: 121 Neutralization only								
Biennial System Regulatory Status: Regulatory status unknown								
008	Tank (Surface)	Closure Request	08/24/06	1/ NA	NA	NA	Non-Hazardous Regulated	NA /
Description from Company: 2 - 50 gallon surface tanks								
System Types: 061 Fuel blending prior to energy recovery at another								
Biennial System Regulatory Status: All units exempt from EPA and TX permits								

30900 CES Environmental Services Inc

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date

** 'Active', 'Closure Pending' & 'Closure Request' Units **

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009 Misc Store Container Closure Request 08/24/06 1/ NA NA NA RCRA Pmt Exempt - Accumulation Time NA /
Description from Company: Container Storage Area
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: All units exempt from EPA and TX permits

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101 Tank Active 06/18/02 1/ NA NA NA RCRA Pmt Exempt - Accumulation Time NA /
Description from Company: Vacuum box located in tank wash for the first flush. The first flush is ei
ther vacuumed or collected in a container and transferred to thish first fl ush
tank.
Capacity: 1000.0000 Capacity Unit of Measure: G
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Currently Managed in Unit: 90011191 Non RCRA r
Wastes Previously Managed in Unit: 90032191

---

102 Tank Closure Request 01/08/07 1/ NA NA NA RCRA Pmt Exempt - Accumulation Time NA /
Description from Company: Non Hazardous wastewater tank
Capacity: 4000.0000 Capacity Unit of Measure: G
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown

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103 Misc Store Container Active 06/18/02 1/ NA NA NA RCRA Pmt Exempt - Accumulation Time NA /
Description from Company: Non Hazrdous sludge box.
Capacity: 25.0000 Capacity Unit of Measure: Y
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Currently Managed in Unit: 90025191 Non RCRA r 90286031 Centrifuge

---

104 Misc Store Container Active 06/18/02 2/ NA NA NA RCRA Pmt Exempt - Accumulation Time NA /
Description from Company: 40 cubic yard open top box for plant trash.
Capacity: 40.0000 Capacity Unit of Measure: Y
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Currently Managed in Unit: 90049992 Plant tras

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105 Contain Store Area Active 06/18/02 H/ NA NA NA RCRA Pmt Exempt - Accumulation Time NA /
Description from Company: Hazardous waste container storage area
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Currently Managed in Unit: 9005609H Flammable 9010609H Flammable/ 9011110H Corrosive 9012105H Corrosive 9013409H Hazardous
9014206H Halogenate 9015519H Generated 9025403H Removal of 9029319H Removal of

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106 Contain Store Area Active 06/18/03 1 2/1 2 NA 001 Permitted Nonhazardous Industrial Unit NA /

30900 CES Environmental Services Inc

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date

** 'Active', 'Closure Pending' & 'Closure Request' Units **

Description from Company: This is Permit Unit No. 1 under Industrial Solid Waste Permit No. 39048 whi ch is a Container Storage Area for storage and processing of nonhazardous w aste in drums or other containers.

Capacity: 27500.0000 Capacity Unit of Measure: G

System Types: 141 Storage, bulking, and/or transfer off-site - no tr

Wastes Currently Managed in Unit: 90206091 Generated 90216092 Generated 90224091 Generated 90234092 Generated 90241191 Water-solu 90261191 Water-solu

---

107 Contain Store Area Active 06/29/04 1 2/1 2 NA 002 Permitted Nonhazardous Industrial Unit NA /

Description from Company: This is Permit Unit No. 2 under Industrial Solid Waste Permit No. 39048 whi ch is a Container Storage Area for storage and processing of nonhazardous w aste in roll-off boxes or other containers.

Capacity: 100.0000 Capacity Unit of Measure: Y

System Types: 141 Storage, bulking, and/or transfer off-site - no tr

Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate 90206091 Generated 90216092 Generated 90224091 Generated 90234092 Generated 90241191 Water-solu 90261191 Water-solu

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108 Tank Active 05/10/05 1 2/1 2 NA 003 Permitted Nonhazardous Industrial Unit NA /

Description from Company: Tank is permitted nonhazardous unit under ISWP No. 39048.

Capacity: 6500.0000 Capacity Unit of Measure: G

System Types: 123 Settling or clarification 124 Phase separation
129 Other treatment

Wastes Currently Managed in Unit: 90206091 Generated 90216092 Generated 90224091 Generated 90234092 Generated 90241191 Water-solu 90261191 Water-solu

---

109 WWTP Active 05/10/05 1 2/ NA NA NA RCRA Pmt Exempt-W.W.T. NA /

Description from Company: Wastewater treatment system consisting of flow equalization, free oil removal, p recipitation, and pH adjustment for tank truck cleaning operation which dis charges to a POTW.

System Types: 121 Neutralization only 123 Settling or clarification
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate

---

110 Tank Active 05/10/05 1/1 2 H NA NA RCRA Pmt Exempt-W.W.T. NA /

Description from Company: Tank T1 is used for oil recovery, phase separation, and neutralization. The tan k is part of an industrial wastewater treatment plant with discharge water flowing to a POTW.

System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90241191 Water-solu 90261191 Water-solu

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111 Tank Active 05/10/05 1 2/1 2 H NA NA RCRA Pmt Exempt-W.W.T. NA /

Description from Company: Tank T2 is ued for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water fl owing to a POTW.

System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

30900 CES Environmental Services Inc

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date

** 'Active', 'Closure Pending' & 'Closure Request' Units **

112 Tank Active 05/10/05 1 2/1 2 H NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Tank T3 is used for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water fl owing to a POTW.
System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora
Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

113 Tank Active 05/10/05 1 2/2 H NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Tank T4 is used for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water f lowing to a POTW.
System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora
Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

114 Tank Active 05/10/05 1 2/1 2 H NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Tank T5 is used for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water f lowing to a POTW.
System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora
Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

115 Tank Active 05/10/05 1 2/1 2 H NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Tank T6 is used for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water f lowing to a POTW.
System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora
Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

116 Tank Active 05/10/05 /1 2 H NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Tank T7 is used for oxidation, biotreatment, and separation of organics from wat er. The tank is part of an indusrtial wastewater treatment facility with d ischarge water flowing to a POTW.
System Types: 075 Chemical oxidation 081 Biological treatment with or without precipitation
135 Discharge to sewer/POTW or NPDES (with prior stora
Wastes Currently Managed in Unit:

117 Tank Active 05/10/05 /1 2 H NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Tank T8 is used for oxidation, biotreatment, and separation of organics from wat er. The tank is part of an industrial wastewater treatment facility with d ischarge water flowing to a POTW.
System Types: 075 Chemical oxidation 081 Biological treatment with or without precipitation
135 Discharge to sewer/POTW or NPDES (with prior stora
Wastes Currently Managed in Unit:

30900 CES Environmental Services Inc

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date
** 'Active', 'Closure Pending' & 'Closure Request' Units **								
118	Tank	Active	05/10/05	/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T9 is used for oxidation, biotreatment, and separation of organics from wat er. The tank is part of an industrial wastewater treatment facility with d ischarge water flowing to a POTW.

System Types: 075 Chemical oxidation 081 Biological treatment with or without precipitation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit:

119	Tank	Active	05/11/05	1 2 H/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T10 is used for precipitation of dissolved metals, neutralization of acids/ bases, and settling of suspended solids from water. The tank is part of an industrial wastewater treatment facility with discharge water flowing to a POTW.

System Types: 077 Other chemical precipitation with or without pre-t 123 Settling or clarification
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90185191 Inorganic 9019519H Precipitat

120	Tank	Active	05/11/05	1 2 H/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T11 is used for precipitation of dissolved metals, neutralization of acids/ bases, settling of suspended solids from water. The tank is part of an ind ustrial wastewater treatment facility with discharge water flowing to a POT W.

System Types: 077 Other chemical precipitation with or without pre-t 123 Settling or clarification
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90185191 Inorganic 9019519H Precipitat

121	Tank	Active	05/11/05	1 2 H/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T12 is used for precipitation of dissolved metals, neutralization of acids/ bases, settling of suspended solids from water. The tank is part of an ind ustrial wastewater treatment facility with discharge water flowing to a POT W.

System Types: 077 Other chemical precipitation with or without pre-t 123 Settling or clarification
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90185191 Inorganic 9019519H Precipitat

122	Tank	Active	05/12/05	1 2 H/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: The water solids separator is used for phase separation, clarification, and soli ds settling. The unit is part of an industrial wastewater treatment facili ty with discharge water flowing to a POTW. The unit is identified as WSS1.

System Types: 123 Settling or clarification 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90185191 Inorganic 9019519H Precipitat

126	Tank	Active	12/13/07	1 2/ NA	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

30900 CES Environmental Services Inc

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date

** 'Active', 'Closure Pending' & 'Closure Request' Units **

Description from Company: Clarification and settling tank
System Types: 123 Settling or clarification 124 Phase separation
129 Other treatment
Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate 90171142 Treated Cl 90206091 Generated 90216092 Generated
90241191 Water-solu 90261191 Water-solu

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127 Tank Active 12/13/07 1 2/ NA NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Clarification and settling tank
System Types: 123 Settling or clarification 124 Phase separation
129 Other treatment
Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate 90171142 Treated Cl 90206091 Generated 90216092 Generated
90241191 Water-solu 90261191 Water-solu

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128 Tank Active 12/13/07 1 2/ NA NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Clarification and settling tank
System Types: 123 Settling or clarification 124 Phase separation
129 Other treatment
Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate 90171142 Treated Cl 90206091 Generated 90216092 Generated
90241191 Water-solu 90261191 Water-solu

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129 Tank Active 12/13/07 1 2/ NA NA NA RCRA Pmt Exempt-Accumulation Time NA /
Description from Company: Wastewater tank
System Types: 135 Discharge to sewer/POTW or NPDES (with prior stora
Wastes Currently Managed in Unit: 90011191 Non RCRA r 90025191 Non RCRA r 90161192 Rinse wate

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As of 01/06/2009, the next unassigned sequence number for UNITS is 130.

** 'Inactive', 'Closed', 'Post Closure Care', 'Never Built' & 'Not required' Units **

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001 Sump Inactive 01/22/91 / NA NA NA Yes/
System Types:
Biennial System Regulatory Status: Regulatory status unknown
Wastes Previously Managed in Unit: 340770 9014206H

Index to NOR for Solid Waste Registration Number 30900 CES Environmental Services Inc
for wastes and units

Wastes

Waste Code	Waste Description	NOR Page	Old Texas Waste Code
** Active Wastes **			
90011191	Non RCRA regulated rinse water. Generating proces	2	
90025191	Non RCRA regulated waste sludge. Generating proce	2	
90049992	Plant trash generated from on-site activities. Da	2	
9005609H	Flammable sludge. Generating process: removal of	2	
9010609H	Flammable/corrosive sludge. Generating process:	3	
9011110H	Corrosive sludge alkaline. Generating process: R	3	
9012105H	Corrosive Sludge acidic. Generating process: Rem	3	
9013409H	Hazardous Waste Solids from the cleaning of totes,	3	
9014206H	Halogenated Hydrocarbon and water mixture	4	
9015519H	Generated from rinsing and removing residues from	4	
90161192	Rinse water from tank cleaning process discharged	4	
90171142	Treated Class 2 Wastewater discharged to a POTW fr	4	
90185191	Inorganic sludge generated from treatment of water	4	
9019519H	Precipitated hazardous sludge from the treatment o	5	
90206091	Generated from the consolidation of various non-ha	5	
90216092	Generated from the consolidation of various non-ha	5	
90224091	Generated from the consolidation of various non-ha	5	
90234092	Generated from the consolidation of various non-ha	6	
90241191	Water-soluble liquids and oily waters with low sol	6	
9025403H	Removal of heels from trailers/containers.	6	
90261191	Water-soluble liquids and oily waters with low sol	6	
9027207H	Concentrate from R/O unit generated from wastewate	7	
90286031	Centrifuge sludge	7	
9029319H	Removal of sludge/solids from pressing caustic	7	
9030601H	Still bottoms	7	
** Inactive Wastes **			
00022061	Waste oil currently generated through general vehi	8	210450
0004102H	Mixed organics (<4%), inorganic caustic (<1%) & wa	8	908920
00073101	Used oil filters currently generated through gener	8	
00089012	Plant production refuse currently generated during	8	
00091191	Mixed organics (<1%), inorganic caustic (<1%) & wa	8	
00103191	Generated through a routine cleaning of a tank was	9	
00114891	Petroleum (oils & greases) contaminated rags curre	9	
00124891	"Petroleum contaminated solids" absorbents (>99%)	9	
00135191	Oil/water separator solids currently generated dur	9	
00141192	Pretreated effluent discharged to the City of Hous	9	
00152191	This is a first flush from internal tank washes.	9	
0016219H	This material is flammable "heel" drummed from tra	10	
00199022	Supplemental plant production refuse and cleaned c	10	
00202191	Lube oils and additives	10	
00212191	Used engine oil generated from maintenance operati	10	
00222031	Spent diesel fuel contaminated with lub oil and pe	10	
00234891	Rags contaminated with petroleum products	10	
00244891	Petroleum Wax	10	
00251021	Aqueous waste with low other toxic organ	11	
90032191	This is a first flush from internal tank washes.	11	
		0	
		0	
		0	
		0	

Index to NOR for Solid Waste Registration Number 30900 CES Environmental Services Inc
for wastes and units

Wastes

Waste Code	Waste Description	NOR Page	Old Texas Waste Code
		0	

Units

Unit Sequence Number	Unit Description	NOR Page
** Active, Closure Pending and Closure Request Units **		
002		12
003	This facility's "old wash rack" has been designate	12
004	Steel tank	12
005	7-15 cubic yard dumpster	12
006	Subsurface sumps or oil/water separator basins uni	12
007	ph adjustment unit	12
008	2 - 50 gallon surface tanks	12
009	Container Storage Area	13
101	Vacuum box located in tank wash for the first flus	13
102	Non Hazardous wastewater tank	13
103	Non Hazrdous sludge box.	13
104	40 cubic yard open top box for plant trash.	13
105	Hazardous waste container storage area	13
106	This is Permit Unit No. 1 under Industrial Solid W	13
107	This is Permit Unit No. 2 under Industrial Solid W	14
108	Tank is permitted nonhazardous unit under ISWP No.	14
109	Wastewater treatment system consisting of flow equ	14
110	Tank T1 is used for oil recovery, phase separation	14
111	Tank T2 is ued for oil recovery, phase separation,	14
112	Tank T3 is used for oil recovery, phase separation	15
113	Tank T4 is used for oil recovery, phase separation	15
114	Tank T5 is used for oil recovery, phase separation	15
115	Tank T6 is used for oil recovery, phase separation	15
116	Tank T7 is used for oxidation, biotreatment, and s	15
117	Tank T8 is used for oxidation, biotreatment, and s	15
118	Tank T9 is used for oxidation, biotreatment, and s	16
119	Tank T10 is used for precipitation of dissolved me	16
120	Tank T11 is used for precipitation of dissolved me	16
121	Tank T12 is used for precipitation of dissolved me	16
122	The water solids separator is used for phase separ	16
126	Clarification and settling tank	16
127	Clarification and settling tank	17
128	Clarification and settling tank	17
129	Wastewater tank	17
** Inactive, Closed, Never Built and Not Required Units **		
001		17

*** TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ***
Industrial and Hazardous Waste
NOR2 Load Success Report

01/07/2009

Data Set: 010709

TCEQ-ID	File	Wst/Unit	New Data	Old Data	Type of Change
30900	N4	101	101		Unit Desc Replaced-Only Old Shown
30900		**********	End of Success **********		

Attachment 2

CES Environmental Services, Inc.

4904 Griggs Road
Houston, TX 77021
Telephone: (713)-676-1460
Fax: (713)-676-1676
www.cesenvironmental.com

To: David Duster
From: Clinton Hopkins

Subj: Follow Up Documents from EPA Inspection of CES Environmental Services

Encl: (1) CES Heavy Metals Waste Water Treatment Scheme
(2) CES Waste Water Treatment Flow Diagram
(3) Methanol Distillation Process Description
(4) Copy of related documents from sale of recovered Methanol
(5) Copy of Manifest for trailer 7253 (Vessel washed in CES tank wash)
(6) Copy of Manifest for trailer 221

Dr Mr. Duster:

Included are the documents you requested. This packet does not include the MSDS for the material in totes recovered from washing the Rain For Rent FRAC tank. If there are any documents I missed or further information you need, please feel free to call me at (832) 298-9726.

Clinton Hopkins
Director of Processing

CES Environmental Services, Inc.

CES HEAVY METALS WASTE WATER TREATMENT SCHEME

Step 1 – Receive and Treat samples of waste waters or oil/water emulsions

- All incoming loads are sampled for quality assurance/control. In addition to other tests (pH, phenolics, TOC, etc.) CES laboratory personnel test all samples for metals (Nickel and Zinc).
- This procedure applies to waste waters and oil/water emulsions. In the case of emulsions, the emulsion is broken in the lab (using heat and pH adjustment) and metals levels are tested on the water phase.

Step 2 – Determine destination of incoming load

- According to the outcome of laboratory QA/QC, the destination of each load is determined. Waste waters that meet customer profile requirements and test below 1.0 ppm Nickel and 3.0 ppm Zinc are directed to the perspective category treatment tank(s). High metals streams (above the limits above) are directed to the volume equalization tanks.
- Oil/water emulsions are directed to our hydrocarbon processing facility for heating/pH adjustment. The water that results from this process is tested before being directed to the waste water treatment facility. If the heavy metals meet the requirements (test below 1.0 ppm Nickel and 3.0 ppm Zinc) they are directed to the perspective category treatment tank(s). If not, they are directed to the volume equalization tanks.

Step 3 – Testing of volume equalization tanks

- Everyday, all categories (A, B, and C) volume equalization tanks are tested to include heavy metals testing. Once the metals levels are determined, a volume equalization spreadsheet is used to determine how much low metals level water is needed to reduce metals levels.
- Once this water becomes available from inbound loads, it is directed to the appropriate volume equalization tank. Metals are re-tested on volume equalization tanks until allowable metals levels are reached.

Step 4 – Treatment of "volume equalized" heavy metals waste water

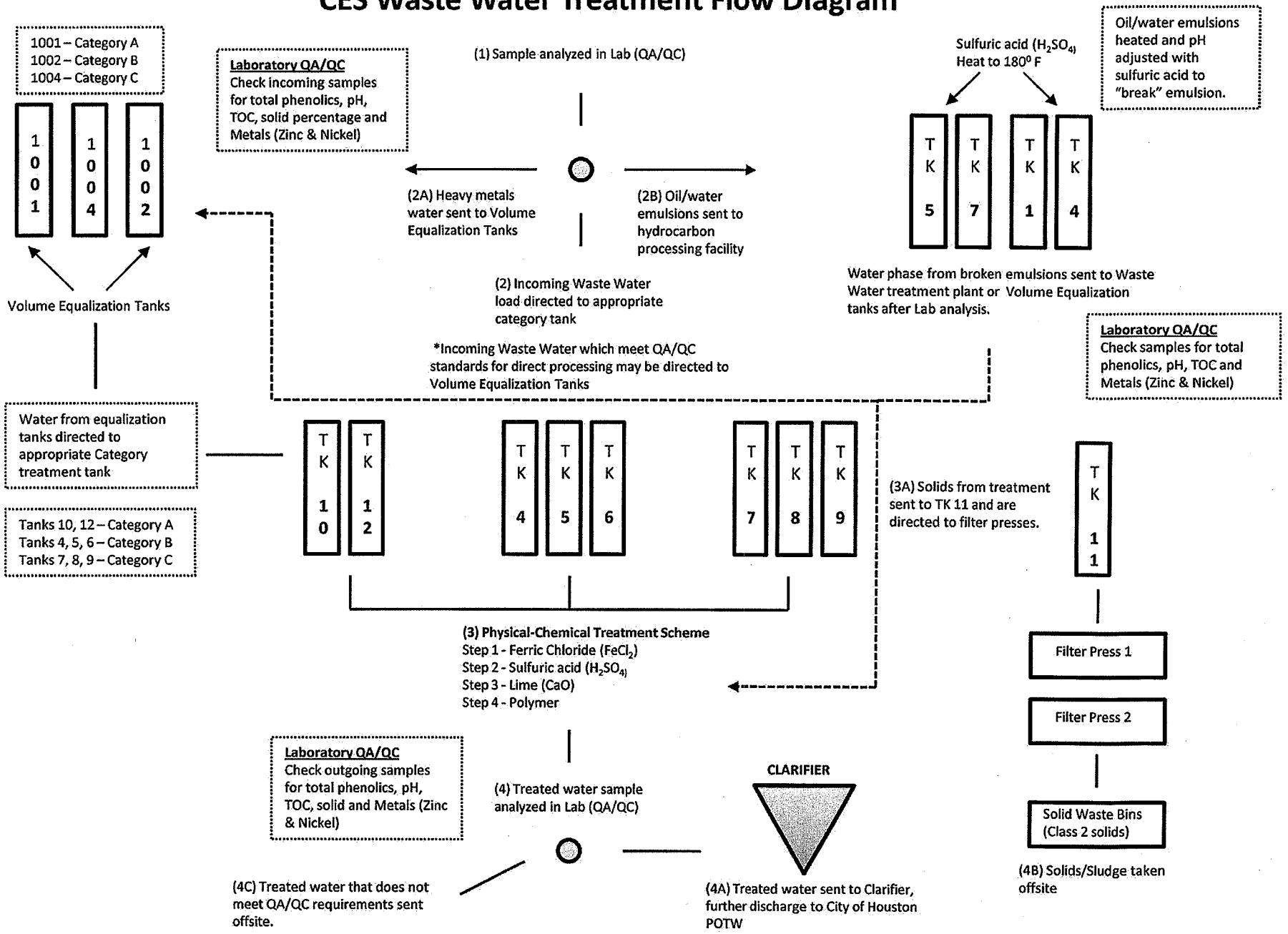
- Once water in the volume equalization tanks meet QA/QC requirements, they are sent to the perspective category waste water treatment tank for physio-chemical processing.

CES Environmental Services, Inc.

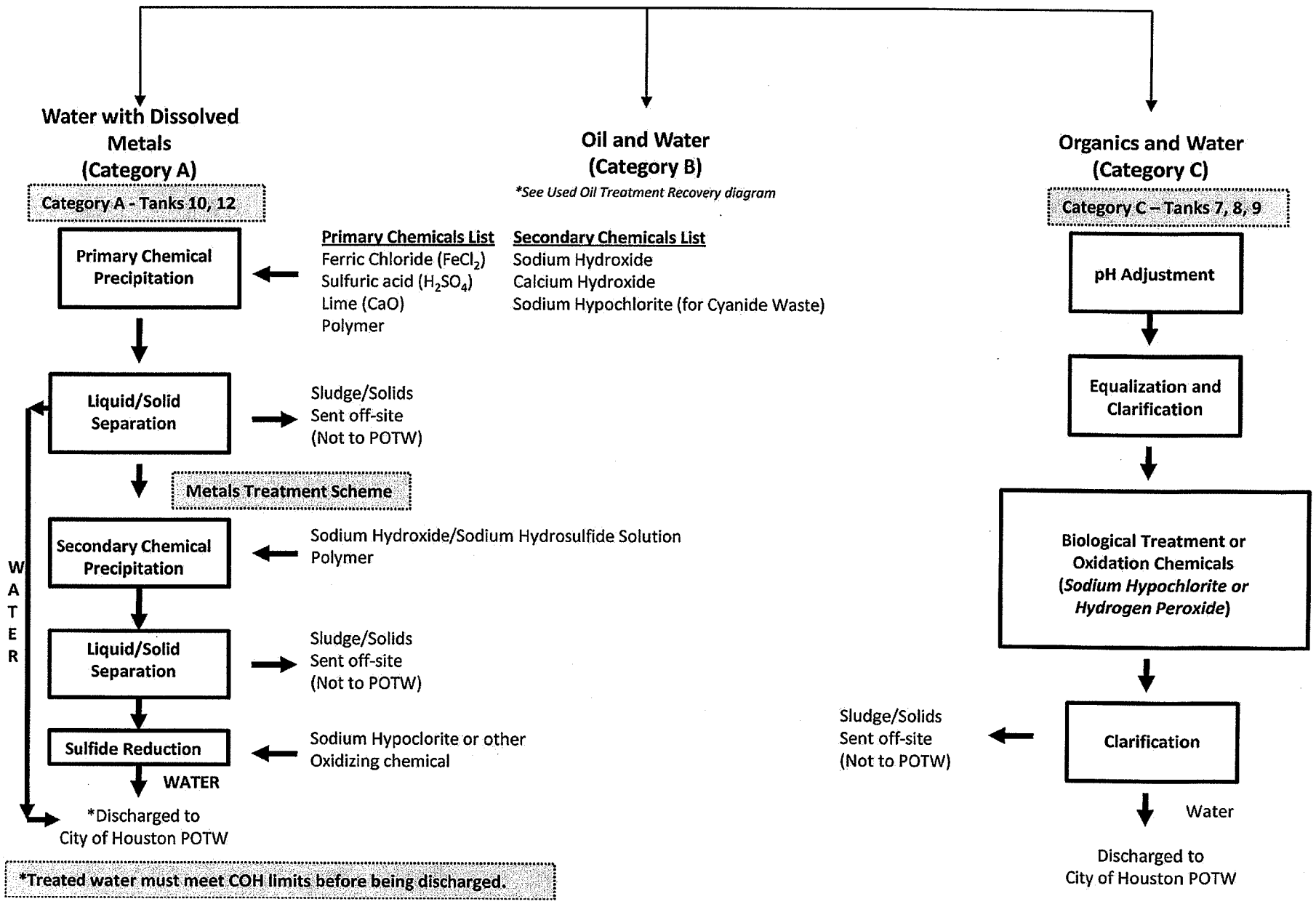
Step 5 – Discharge of processed waste waters

- All waste waters that have been treated (direct input or from volume equalization tanks) are tested for metals, pH levels, TOC, phenol, etc. before discharge through our CWT and eventually to the City of Houston treatment plants.
- Waste waters that do not meet requirement are either re-processed, volume equalized, or directed off-site.

CES Waste Water Treatment Flow Diagram

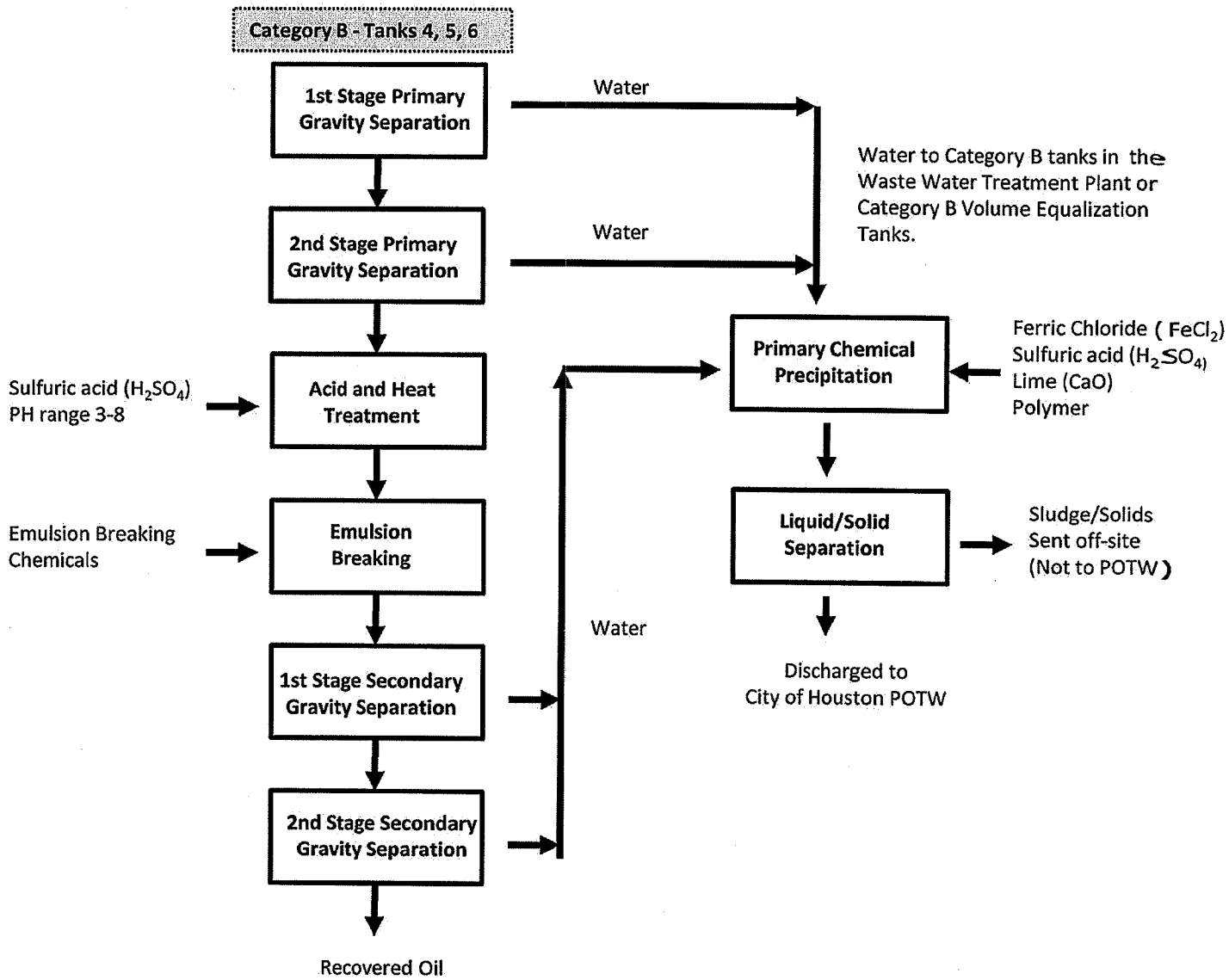


CES Waste Water Treatment Flow Diagram



CES Used Oil Treatment Recovery Diagram

Oil and Water (Category B)



Attachment 4
3

METHANOL DISTILLATION PROCESS DESCRIPTION

A mixture of Methanol and water enters the facility through tank truck or other transport vessel. The Methanol mixture may be pumped through a filter to remove the solids if needed and then into the recycle distillation processing system. The recycle distillation is heated to approximately 120 F to separate Methanol from the water. The Methanol vapor from the recycle distillation process passes through a condenser where it is cooled to approximately 70F and the condensed liquid is collected in an accumulator vessel. Emissions of any uncondensed vapor from the accumulator vessel are routed to a diesel scrubber and then to activated carbon drums before being vented to the atmosphere. The material collected in the accumulator vessel is then transferred into the product tank trailer. The product trailer is also vented to the scrubber system. The remaining water in the distillation tank is tested to ensure removal of the organics and then sent to the existing on-site water treatment facility.

CES Environmental Services, Inc.

4904 Griggs Road
Houston, TX 77021
Phone: (713) 676-1460
Fax: (713) 676-1676

Invoice

Date	Invoice #
12/27/2008	52886

COPY

Bill To: Hydrocarbon Resource Recovery LLC
Attn: Scott Rainey
3306 Poplar Run CT
Houston, TX 77059

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Manifest #	Rate	Amount
	12/22/08			
6,148.36	Management of Methanol @ $0.30 per gallon	BOL 78444	0.30	1,844.51
	CES Job # 78444			

We appreciate your business!

Late Payment Policy: Any unpaid balances begining on the 30th day after the account is due will accrue a per annum interest rate of 7.5%, unless otherwise stated in a formalized contract.

Subtotal	$1,844.51
Sales Tax (8.25%)	$0.00
Total	$1,844.51

ENCLOSURE 4

CES Environmental Services, Inc.

4904 Griggs Road
Houston, TX 77021
Tel. (713) 676-1460
Fax. (713) 676-1676

Outbound Load Report

Report Number : 865

Type of Material: MeOH

Job Date: 12/22/2008 **Job Number :** 78444

Bill of Lading #: 78444

Customer:

Gross Weight: 76300

Tare Weight: 33200 **OR** **Total Gallons Shipped:**

Net Weight: 43100

Shipping Information

Carrier: Heniff

Truck Number: 3118

Trailer Number: 11556

CES Laboratory Use Only

Specific Gravity: .840

Pounds per Gallon: 7.01

Temperature:

Total Gross Gallons: 6148.36

% Water

% Solids

Total Net Gallons: 6148.36

(minus water and solids)

Misc Notes:

pH=5
API=36.95

Sample Analyst:

(signature)

Sample Analyst: Sam Brown **Date:** 12/22/2008

28326337

TICKET NUMBER

CAT SCALE®

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.©

"WEIGH WHAT WE SAY OR WE PAY"®

If you get an overweight fine from the state ***AFTER*** *one of our CAT Scales showed a legal weight, we will* immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**

(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

CAT SCALE COLLECTOR CARD INSIDE!

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Operations Manager.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed.

DATE: 12-22-2008

APPROXIMATE TIME: 1645

SCALE 2883

28326337 **LOCATION:** SOUTH FRWY TRUCK STOP
HWY 288 ALAMEDA GENOA
HOUSTON TX

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	11420	lb
DRIVE AXLE	33260	lb
TRAILER AXLE	31620	lb
GROSS WEIGHT	76300	lb

DEPARTMENT OF AGRICULTURE • TEXAS •

This is to certify that the following merchandise was weighed, counted, or measured by a public weigher, and when properly signed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

43100

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED FREIGHT ALL KINDS

COMPANY HENIFF TRACTOR # 3118 TRAILER # 11556

WEIGH NUMBER 6324

FEE 1.00

WEIGHMASTER OR WEIGHER SIGNATURE OMRAN

FULL WEIGH TICKET # (IF REWEIGH) 28326334

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

7.07

CAT SCALE® FORM TEXAS 07/08

STOMER COPY

28326324

TICKET NUMBER

CAT SCALE

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.©

"WEIGH WHAT WE SAY OR WE PAY"®

If you get an overweight fine from the state **AFTER** one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**

(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

CAT SCALE COLLECTOR CARD INSIDE!

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Operations Manager.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed.

DATE: 12-22-2008

APPROXIMATE TIME: 1451

SCALE 2843

28326324 **LOCATION:** SOUTH FRWY TRUCK STOP
HWY 288 ALAMEDA GENOA
HOUSTON TX

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	11040	lb
DRIVE AXLE	13820	lb
TRAILER AXLE	8340	lb
*GROSS WEIGHT	33200	lb

DEPARTMENT OF AGRICULTURE • TEXAS •

This is to certify that the following merchandise was weighed, counted, or measured by a public weigher, and when properly signed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED FREIGHT ALL KINDS

COMPANY HENIFF TRACTOR # 3118 TRAILER # 11556

WEIGH NUMBER 6324

FEE 9.00

WEIGHMASTER OR WEIGHER SIGNATURE R.M UMRAN

FULL WEIGH TICKET # (IF REWEIGH)

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

©CAT SCALE® FORM TEXAS 07/08

STOMER COPY

ENCLOSURE 4

CES Environmental Services, Inc.

Bill Of Lading # : 79444

Trailer # :	CES Environmental Services, Inc. State of Walbank

Original - Shipper Provided Short Form Straight Bill of Lading – Not Negotiable – Domestic

SHIPPED FROM :

CES Environmental Services, Inc. (TSDF)
4804 Griggs Road
Houston , TX 77021
(713) 676-1469

11a) 2432
11b)
11c)
11c)

The property, described below, in apparent good order, except as noted (contents and condition of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. This Bill of Lading is a receipt for goods, it is not itself a contract of carriage. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions contained in the applicable contract between shipper and carrier or intermediary.

For payment: Charges to be billed to shipper or the "Billed to" party are not to be the governing contract with shipper. No charges other than those contained herein may be billed to Shipper or the "Billed to" party without prior written consent of Shipper. The original copy of this Bill of Lading, bearing all the signs of settlement, must be attached to the freight bill submitted for payment of the "Billed to" party and sent to:

CONSIGNED TO :

hydrocarbon resource recovery
3306 Poplar Run Ct.
Houston , TX 77059

CARRIER :

This is to certify that the product stated below are properly classified, described, packaged, marked and labeled and is in proper condition for transportation according to the applicable regulations of the Department of Transportation. Trans Shipment moves between to ports by a carrier by water, the law requires that the Bill of Lading shall state whether it is "carrier's or shipper's weight."

Hazardous Cargo, Shipper Information required by Federal Highway Administration regulations 49 CFR 383.5 implementing the Intermodal Surface Transportation Act of 1982 is set forth on the face of this bill of lading. The carrier name handling the hazardous load.

Haz	Container No.	Container Type	Total Quantity	Unit Wt/Vol	Description of Materials, Special Marks, and Exceptions
No	1	TT	9		UN1230, Flammable Liquids, n.o.s., 3-Methanol

completed

Shipper : CES Environmental Services, Inc. (TSDF)

Per : Marcel Nunez Signature : [signature] Date : 12-22-08

Carrier Hemphill

Per : Dakota Roberts Signature : [signature] Date : 12-22-08

Receiving Facility : hydrocarbon resource recovery

Per : Signature : Date :

White (Permanent Return Copy) Yellow (Transporter Copy) Pink (Receiving Facility Copy) Golden Rod (Generator Copy)

PAGE 4

TT # 7253

...ype. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

...M HAZARDOUS ...STE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	TXD981148059	1	(281) 474-1512	005591944 JJK

GENERATOR

Generator's Name and Mailing Address
...vaica Company of America
11500 Bay Area Boulevard
Pasadena, TX 77507
Generator's Phone: (281) 474-1512

State ID: 32728

Generator's Site Address (if different than mailing address)
Evaica Company of America
11500 Bay Area Boulevard
Pasadena, TX 77507
(281) 474-1512

6. Transporter 1 Company Name: CES Environmental Services, Inc. — State ID 30900 — U.S. EPA ID Number: TXD008950461

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CES Environmental Services, Inc.
4904 Griggs Rd.
Houston TX, 77021
Facility's Phone: (713) 676-1460

State ID 30900

U.S. EPA ID Number: TXD008950461

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	RQ, UN1230, Waste Methanol, 3, PG II (for recycle)	1	TT	5896	G	D001, F003
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Folder ID : Evaica (Evaica - Pasadena)
Bulk Methanol
Please write corresponding job# from Trans ticket:
XXXXXXXX__82510__XXXXXXXX CES Job # - 82510
1) HOU-2616 2) 3) 4)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ron Toombs — Signature: Ron Toombs — Month 03 Day 09 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robert Hickman — Signature: Robert Hickman — Month 03 Day 09 Year 09
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H020 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Julius Prantil — Signature: Julius Prantil — Month 3 Day 9 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

#221

(Form designed for use on elite (12-pitch) typewriter.) TT

Form Approved. OMB No. 2050-0039

HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	TXD981148059	1	(281) 474-1512	005592569 JJK

Generator's Name and Mailing Address
Evaka Company of America
11500 Bay Area Boulevard
Pasadena, TX 77507
Generator's Phone: (281) 474-1512
State ID: 32728

Generator's Site Address (if different than mailing address)
Evaka Company of America
11500 Bay Area Boulevard
Pasadena, TX 77507
(281) 474-1512

6. Transporter 1 Company Name: CES Environmental Services, Inc. State ID 30900 U.S. EPA ID Number: TXD008950461

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address
CES Environmental Services, Inc.
4904 Griggs Rd.
Houston TX, 77021
Facility's Phone: (713) 676-1460
State ID 30900
U.S. EPA ID Number: TXD008950461

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	RQ, UN1230, Waste Methanol, 3, PG II (for recycle)	1	TT	5896	G	~~000660~~H, D001, ~~F003~~
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Folder ID : Evaka (Evaka - Pasadena)
Bulk Methanol
Please write corresponding job# from Trans ticket:
XXXXXXXX 82764 XXXXXXXX CES Job # - 82764
1) HOU-2616 2) 3) 4)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Ron Toombs Signature: X Ron Toombs Month 3 Day 13 Year 09

GENERATOR

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Joe A. Gonzales Signature: Month 3 Day 13 Year 09
Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Joe Camp Signature: Month 3 Day 16 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)**

ENCLOSURE 6

Attachment 4 65

Ignitability Determination 3/18/09
SETA-Flash Method 1020A
ERDCO Rapid Tester Model RT-0001 (Tag# 907125)

Appartus set-up in Mobile Lab on counter-Top @
CES, 4904 Griggs Rd., Houston, TX
In use thermometer: ERDCO RTA-14980-92C 4821

CES Sampling Event / Inspection

para-xylene check: confirm flash @ 27°C

- CES #1 Tanker# 7253 pH ≈ 5
Sample is opaque, white in color
check @ 38°C = Test Positive [Flash]
Dup Sample test
check @ Room Temp (26°C) = Test Positive [Flash]
Verification check @ Room Temp (26°C) = Test Positive [Flash]

- CES #2 Tanker #221 pH = 5.9
Sample is opaque, white in color
check @ Room Temp (25°C) = Test Positive [Flash]
Dup check @ Room Temp (25°C) = Test Positive [Flash]

- CES #3 NEW TANK WASH pH 5.3
TOTE - 1ST MEOH TRUCK RINSE DAY #5

NO 3/18/09

(6)

CES #4 NEW TANK WASH M 3/18

1st MEOH TRUCK WASH BAY #~~3~~4

NEW TANK TRUCK WASH

1st FLUSH - TOTE #4

CES #5 Old Tank Wash Tote

12:35 pH 7.9

CES #3 New Tank Wash 11:55am

Sample is opaque, white in color, med. viscosity

Check @ Room Temp (26°C) = Test Positive [Flo

Dup Check @ Room Temp (26°C) = Test Positive [Flas

CES #4 New Tank Wash

1st Methanol Truck Wash Bay #4

Sample is clear

Check @ Room Temp (26°C) = Test Positive [Flash

Dup Check @ Room Temp (26°C) = Test Positive [Fl

1/18/09 CES #5 Old Tank Wash Tote 12:35pm pH 7.9

Sample is Opaque, Appear to be brown mud

Check @ Room Temp (27°C) = Test Positive [Flash]

Dup Check @ Room Temp (27°C) = Test Positive [Flash]

CES #11 Frac tank #1002

Sample is Opaque, Dark Brown with an oily Layer

Check @ Room Temp (27°C) = Test Positive [Flash]

Dup Check @ Room Temp (27°C) = Test Positive [Flash]

QC Check: Pensky Martens PM-GO-1-0 Batch # 109

Confirms flash @ 58°C

3/18/09

3/23/09 Ignitability Determination
SETA-Flash Method 1020A
ERDCO Rapid Tester Model RT-000 (Tag# 907125)

Apparatus Set-up in rm 205 of counter-Top @ EPA Lab.
In use thermometer: ERDCO RTA-14980-92C 4821

CES Sampling Events / Inspection
para-xylene check: confirm flash @ 27°C

- CES #12 Tote WMU #105 Labeled flammable Liq.
  Sample is opaque, white in color
  check @ Room Temp (26°C) = Test Positive [Flash]
  verification check @ Room Temp (26°C) = Test Positive [Flash]

QC Check: Pensky Martens PM-601-0 Batch# 109
Confirm flash @ 58°C

3/23/09

Field -
Mobile LAB
Log book
3/16/09 -

7530-00-286-6207
FEDERAL SUPPLY SERVICE
(GPO)

Pre Onsite Meet 3/16/9

Paul James - Ed R new employee

RCRA & water inspector

9Am Treatment process tour

After Lunch 2:30
store in lab
H&S training

Samples sx# vs where collected

ID Time Location pic ok

Lv at 6Am tod

1)

VOA & Metals (poly)
preserve here so no Reid

pH.

3

VOA Vials 40mL / clear
QEC lot # B-6-206-01113 7/25/06

Project Name

Container ID 0602043461
thru 0602043532

3/18/09

pH meter Calibration

p1 4.0
p2 7.0
p3 12.45
slope = 99.1

QEC Lot # BS20601VB
4-6 Sx per location
Station Location SL
Sx #
pH
Temp
Time
Container ID 060204368

Pre-Audit meetings, 8:40 Am 3/18/09

potential sxling locations
Metal Fab Area
Totes sxling with collinages
Tote clean out Area
221 Tank
7253 Tank
metal tote with no closure

outfall 5

11

SL - filter cake roll off #621

pH

Temp

Time

cont ID

Test - 1b oz

TCLP

Total metal

Bldg #105
Sx Any of the totes
VOAs

Bldg - New Tank Lwest Area
Sx Any of the totes
VOAs

CES #3 time: 11:55 a.m.

New Tank Wash Area - 2nd set of totes
milky

Tote - first flush McOtt Trans. Truck

pH: 5.3
Temp: 12.7

CES #5

Old Tank Wash - one of the totes
near back gate (yesterday)
moved here today

pH: 7.9
Temp: 19.3
12:35 pm

---

old tank wash
Added 5x - spout caustic drum
tote in old tank wash
for pH only

CES #6
pH: 6.6
12:52 pm

Old Tank Wash Area - Spent Caustic
no sx
alk/ pH = 6.6
12:52 pm

CES #1
Tank Truck # 7253
UOA & Ig
pH 5.27
21.2 °C

10:55
3/18/9

CES #2
Tank Truck 221
VOA + Iq.

pH: 5.9
Temp: 20.3°C

11:30AM

Main Processing facility/warehouse

drum 3SCES #1899
pH only
screened at 2-3

~~#7~~ – outfall #5

not

~~Man Processing facility/warehouse~~

Outfall 5

3/18/9 7.2 = pH

Time ~~2:01~~ pm 19.4 = temp

15:53 pm

Metal Fab Bldg

Tote

pH only

~~Metal Fab Bldg~~
~~Vacuum Drum~~
~~?~~
~~Metal Fab Bldg - outside behind~~

CES #4
New TANK Truck
BAY 4 Tote - first flush

pH > 2.5 water had latex on the probe
Temp 18.0 from previous sample

12:20 AM

#8

Main processing warehouse
filter cake

#9 main processing warehouse

pH = 2.6
temp 19.4
drum CES 3S 1899

#10
Metal Fab Bldg. - tote

pH - 9.98
t 17.8

11

Fractionation Tank 1002

pH 2.64
temp: 21.4

3:16 pm

End of CES

Attachment 5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory

Environmental Services Branch
10625 Fallstone Road, Houston, TX 77099
Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site Name ----------CES Environmental

Sample Collection Date(s)-- 3/18/2009

Contact---------- David Duster (6EN-ASH)

Report Date----------04/29/09

Project #---------- 09RCRA143

Work Order(s)----------0903046

Analyses included in this report:

Metals ICP 6010B
Metals Mercury 7470A/7471A
Metals TCLP Hg 1311/7470A
Metals TCLP ICPMS 1311/6020
VOA 8260 Routine List
Metals ICP-MS 6020
Metals pH 9040A
Metals TCLP ICP 1311/6010B
Solids, Dry Weight

Report Narrative

Volatile analysis:

Acetone is qualified as estimated in sample 0903046-03 due to failure of this analyte in the alternate source check for the calibration.

Acetone and 2-Butanone are qualified as estimated in the MS and MSD because the values reported are outside the calibration range.

Acetone has no recovery in the MS or MSD. 2-Butanone recovery is high in the MS. MTBE recovery is low in the MSD. The amounts spiked for these analytes were insufficient to properly calculate recoveries and RPDs. No bias was placed on source results.

Mercury:

Batch B9D0305:

MS1/MSD1: The matrix spike for mercury is low; the results are qualified and may be biased low.

Report Narrative (cont'd)

ICP-MS:

Batch B9C2508:

MS2/MSD2: The spike recovery for thallium is low; the result is qualified and may be biased low.

The SRM control sample for lead is high; the results are qualified and may be biased high.

ICP:

Batch B9C2503:

BS1: The lab control for sodium and potassium are below the reporting level and can not be reliably calculated.

MS1: Aluminum, calcium, iron, magnesium, potassium, sodium, and zinc concentrations exceed the spike added concentrations by a factor of four or more and can not be reliably calculated.

MS1: The matrix spike recoveries for barium, nickel, and manganese are low; the results are qualified and may be biased low.

MS1: The matrix spike recovery for copper is high; the result is qualified and may be biased high.

MS2: Calcium, iron, magnesium, nickel, potassium, and sodium concentrations exceed the spike added concentrations by a factor of four or more and can not be reliably calculated.

MS2: The matrix spike for aluminum is high; the result is qualified and may be biased high.

MS2: The matrix spike for barium and zinc are low; the result is qualified and may be biased low.

MS2: The high level of silver in this control is not expected to be recovered by this prep method.

Batch B9C2505:

BLK1: Copper was found in the prep blank above the reporting level; the result is not qualified due to the high level of of copper in the sample.The sample result is greater than ten times the blank control result.

BS1 / SRM1: The lab control sample results for sodium and potassium are above the reporting level and can not be reliably calculated.

MS1/MS2: Aluminum, calcium, iron, magnesium, sodium and zinc concentrations exceed the spike added concentrations by a factor of four or more and can not be reliably calculated.

MS1: The matrix spike for barium, chromium, copper, manganese, nickel, and potassium are low; the results are qualified and may be biased low.

Report Narrative (cont'd)

MS2:The matrix spike for copper and nickel are low; the results are qualified and may be biased low.

SRM1: Calcium is high in this control sample; the results are qualified and may be biased high.

TCLP - ICP:

Batch 09C2502:

BS2/ MS2: The high level of silver in this control is not expected to be recovered by this prep method.

MS1/MS2: The matrix spike recovery for barium is low; the sample result is qualified and may be biased low.

MS1: The matrix spike recovery for arsenic is slightly low; the sample result is qualified and may be biased low.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin
Region 6 Laboratory Manager

David Neleigh
Region 6 Laboratory Branch Chief

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road
Houston, Texas 77099

Sample Receipt and Disposal

Site Name: CES Environmental

Project Number: 09RCRA143

Data Management Coordinator: Christy Warren

Christy Warren
Data Management Coordinator Signature

4/30/09
Date

Date Transmitted: 4/30/09

Please have the U.S. EPA Project Manager/Officer call the Data Management Coordinator at 3-2137 for any comments or questions.

Please sign and date this form below and return it with any comments to:

Christy Warren
Data Management Coordinator
Region 6 Laboratory
6MD-HS

_____ / ____ / _____
Received by and Date

Comments:

The laboratory routinely disposes of samples 90 days after all analyses have been completed. If you have a need to hold these samples in custody longer than 90 days, please sign below.

_____ _____
Signature Date

Please provide a reason for holding:

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
8	0903046-01	Solid	3/18/09 14:22	03/19/09 08:25
7	0903046-02	Liquid	3/18/09 15:53	03/19/09 08:25
11	0903046-03	Liquid	3/18/09 15:16	03/19/09 08:25

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Metals by EPA Method 6010B - ICP

Lab ID: 0903046-01 **Station ID: 8**

Batch: B9C2505
Sample Type: Solid

Date Collected: 03/18/09
Sample Weight: 0.516g
%Solids: 46.30

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**2,310**		20.9	1	03/24/09	03/27/09
Barium (7440-39-3)	**81.4**	**L**	2.1	"	"	"
Beryllium (7440-41-7)	U		1.0	"	"	"
Cadmium (7440-43-9)	**1.2**		1.0	"	"	"
Calcium (7440-70-2)	**173,000**	**L**	31.4	"	"	"
Chromium (7440-47-3)	**87.9**	**L**	2.1	"	"	"
Cobalt (7440-48-4)	**4.5**		4.2	"	"	"
Copper (7440-50-8)	**297**	**L**	4.2	"	"	"
Iron (7439-89-6)	**20,300**		5.2	"	"	"
Magnesium (7439-95-4)	**4,600**		31.4	"	"	"
Manganese (7439-96-5)	**307**	**L**	1.0	"	"	"
Nickel (7440-02-2)	**177**	**L**	4.2	"	"	"
Potassium (7440-09-7)	**263**	**L**	209	"	"	"
Silver (7440-22-4)	U		2.1	"	"	"
Sodium (7440-23-5)	**2,860**		105	"	"	"
Vanadium (7440-62-2)	**37.0**		4.2	"	"	"
Zinc (7440-66-6)	**2,430**		4.2	"	"	"

Metals by EPA Method 7470A/7471A - CVAAS

Lab ID: 0903046-01 **Station ID: 8**

Batch: B9D0305
Sample Type: Solid

Date Collected: 03/18/09
Sample Weight: 0.111g
%Solids: 46.30

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**3.7**	**L**	0.1	1	04/01/09	04/02/09

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

TCLP Metals by EPA Method 1311/6010B-ICP

Lab ID: 0903046-01 **Station ID: 8**

Batch: B9C2502
Sample Type: Solid
Batch Matrix: Solid

Date Collected: 03/18/09
Sample Wet Weight: 50g
TCLP Prepared: 3/24/09

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Arsenic (7440-38-2)	U	L	0.10	1	03/24/09	03/26/09
Barium (7440-39-3)	**0.04**	**L**	0.01	"	"	"
Cadmium (7440-43-9)	U		0.005	"	"	"
Chromium (7440-47-3)	U		0.01	"	"	"
Lead (7439-92-1)	U		0.03	"	"	"
Selenium (7782-49-2)	U		0.10	"	"	"
Silver (7440-22-4)	U		0.01	"	"	"

TCLP Metals by EPA Method 1311/7470A-CVAAS

Lab ID: 0903046-01 **Station ID: 8**

Batch: B9D0108
Sample Type: Solid
Batch Matrix: Solid

Date Collected: 03/18/09
Sample Wet Weight: 25g
TCLP Prepared:

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.0002	1	03/30/09	03/31/09

Metals by EPA Method 6020 - ICP MS

Lab ID: 0903046-01 **Station ID: 8**

Batch: B9C2508
Sample Type: Solid

Date Collected: 03/18/09
Sample Weight: 0.516g
%Solids: 46.30

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**8.3**		1.0	10	03/24/09	04/01/09
Arsenic (7440-38-2)	**7.6**		1.0	"	"	"
Lead (7439-92-1)	**16.7**	**K**	1.0	"	"	"
Selenium (7782-49-2)	**1.7**		1.0	"	"	"
Thallium (7440-28-0)	**2.2**		1.0	"	"	"

Environmental Protection Agency
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10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

pH by EPA Method 9040A

Lab ID: 0903046-01 **Station ID: 8**

Batch: B9C2510
Sample Type: Solid

Date Collected: 03/18/09

Sample Qualifiers:

%Solids: 46.30

Targets

Analyte (CAS Number)	Result pH Units	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
pH (C-006)	**12**			1	03/23/09	03/23/09

Metals by EPA Method 6010B - ICP

Lab ID: 0903046-02 **Station ID: 7**

Batch: B9C2503
Sample Type: Liquid

Date Collected: 03/18/09
Sample Volume: 50ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	U	K	1,000	10	03/24/09	03/26/09
Barium (7440-39-3)	**422**	**L**	100	"	"	"
Beryllium (7440-41-7)	U		50.0	"	"	"
Cadmium (7440-43-9)	U		50.0	"	"	"
Calcium (7440-70-2)	**637,000**		1,500	"	"	"
Chromium (7440-47-3)	U		100	"	"	"
Cobalt (7440-48-4)	U		200	"	"	"
Copper (7440-50-8)	U	K	200	"	"	"
Iron (7439-89-6)	**4,220**		250	"	"	"
Magnesium (7439-95-4)	**10,700**		1,500	"	"	"
Manganese (7439-96-5)	**227**	**L**	50.0	"	"	"
Nickel (7440-02-2)	**343**	**L**	200	"	"	"
Potassium (7440-09-7)	**59,300**		10,000	"	"	"
Silver (7440-22-4)	U		100	"	"	"
Sodium (7440-23-5)	**489,000**		5,000	"	"	"
Vanadium (7440-62-2)	U		200	"	"	"
Zinc (7440-66-6)	**1,290**	**L**	200	"	"	"

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Metals by EPA Method 7470A/7471A - CVAAS

Lab ID: 0903046-02 **Station ID: 7**

Batch: B9D0109 Date Collected: 03/18/09
Sample Type: Liquid Sample Volume: 25ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**0.419**		0.200	1	03/30/09	03/31/09

Metals by EPA Method 6020 - ICP MS

Lab ID: 0903046-02 **Station ID: 7**

Batch: B9C2504 Date Collected: 03/18/09
Sample Type: Liquid Sample Volume: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**10.5**		5.0	10	03/24/09	04/01/09
Arsenic (7440-38-2)	**13.5**		5.0	"	"	"
Lead (7439-92-1)	**14.5**		5.0	"	"	"
Selenium (7782-49-2)	**31.6**		5.0	"	"	"
Thallium (7440-28-0)	U		5.0	"	"	"

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Volatiles by EPA Method 8260 - GC/MS

Lab ID: 0903046-03 **Station ID: 11**

Batch: B9D0704
Sample Type: Liquid

Date Collected: 03/18/09
Sample Volume: 5ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	49.3		98.5	81-124	03/23/09	03/23/09
Surr: Toluene-d8	48.1		96.1	86-115	"	"
Surr: 4-Bromofluorobenzene	48.7		97.3	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		250	50	03/23/09	03/23/09
Chloromethane (74-87-3)	U		250	"	"	"
Vinyl chloride (75-01-4)	U		100	"	"	"
Bromomethane (74-83-9)	U		250	"	"	"
Chloroethane (75-00-3)	U		100	"	"	"
Trichlorofluoromethane (75-69-4)	U		100	"	"	"
1,1-Dichloroethene (75-35-4)	U		100	"	"	"
Carbon disulfide (75-15-0)	U		100	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		100	"	"	"
Acetone (67-64-1)	**132,000**	**J**	25,000	2500	"	03/23/09
Methylene chloride (75-09-2)	**2,460**		100	50	"	03/23/09
Methyl acetate (79-20-9)	**2,030**		100	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		100	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		100	"	"	"
Methyl tert-butyl ether (1634-04-4)	**16,100**		100	"	"	"
1,1-Dichloroethane (75-34-3)	U		100	"	"	"
2-Butanone (78-93-3)	**83,200**		1,250	250	"	03/23/09
Chloroform (67-66-3)	U		100	50	"	03/23/09
1,2-Dichloroethane (107-06-2)	U		100	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		100	"	"	"
Cyclohexane (110-82-7)	U		100	"	"	"
Carbon tetrachloride (56-23-5)	U		100	"	"	"
Benzene (71-43-2)	**3,510**		100	"	"	"
Trichloroethene (79-01-6)	U		100	"	"	"
Methylcyclohexane (108-87-2)	**544**		100	"	"	"
1,2-Dichloropropane (78-87-5)	U		100	"	"	"
Bromodichloromethane (75-27-4)	U		100	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		100	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		100	"	"	"

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Volatiles by EPA Method 8260 - GC/MS

Lab ID: 0903046-03 **Station ID: 11**

Batch: B9D0704 Date Collected: 03/18/09
Sample Type: Liquid Sample Volume: 5ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		100	50	03/23/09	03/23/09
Dibromochloromethane (124-48-1)	U		100	"	"	"
Bromoform (75-25-2)	U		100	"	"	"
4-Methyl-2-pentanone (108-10-1)	**1,030**		250	"	"	"
Toluene (108-88-3)	**6,680**		100	"	"	"
Tetrachloroethene (127-18-4)	U		100	"	"	"
2-Hexanone (591-78-6)	U		250	"	"	"
1,2-Dibromoethane (106-93-4)	U		100	"	"	"
Chlorobenzene (108-90-7)	U		100	"	"	"
Ethylbenzene (100-41-4)	**3,510**		100	"	"	"
meta-/para-Xylene (na)	**15,700**		200	"	"	"
ortho-Xylene (95-47-6)	**6,550**		100	"	"	"
Styrene (100-42-5)	U		100	"	"	"
Isopropylbenzene (98-82-8)	**306**		100	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		100	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		100	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		100	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		100	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		250	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		250	"	"	"

This sample was received at pH 3.
If biological activity is present, then aromatics may be biased low.

Environmental Protection Agency
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Metals by EPA Method 6010B - ICP

Lab ID: 0903046-03 **Station ID: 11**

Batch: B9C2503 Date Collected: 03/18/09
Sample Type: Liquid Sample Volume: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	**34,200**		1,000	10	03/24/09	03/26/09
Barium (7440-39-3)	**620**		100	"	"	"
Beryllium (7440-41-7)	U		50.0	"	"	"
Cadmium (7440-43-9)	U		50.0	"	"	"
Calcium (7440-70-2)	**715,000**		1,500	"	"	"
Chromium (7440-47-3)	**961**		100	"	"	"
Cobalt (7440-48-4)	**266**		200	"	"	"
Copper (7440-50-8)	**2,000**		200	"	"	"
Iron (7439-89-6)	**257,000**		250	"	"	"
Magnesium (7439-95-4)	**63,900**		1,500	"	"	"
Manganese (7439-96-5)	**5,930**		50.0	"	"	"
Nickel (7440-02-2)	**11,700**		200	"	"	"
Potassium (7440-09-7)	**413,000**		10,000	"	"	"
Silver (7440-22-4)	U		100	"	"	"
Sodium (7440-23-5)	**946,000**		5,000	"	"	"
Vanadium (7440-62-2)	**1,160**		200	"	"	"
Zinc (7440-66-6)	**73,500**		200	"	"	"

Metals by EPA Method 7470A/7471A - CVAAS

Lab ID: 0903046-03 **Station ID: 11**

Batch: B9D0109 Date Collected: 03/18/09
Sample Type: Liquid_ Sample Volume: 10ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	**161**		4.00	20	03/30/09	03/31/09

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Metals by EPA Method 6020 - ICP MS

Lab ID: 0903046-03 **Station ID: 11**

Batch: B9C2504 Date Collected: 03/18/09
Sample Type: Liquid Sample Volume: 50ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	**147**		5.0	10	03/24/09	04/01/09
Arsenic (7440-38-2)	**193**		5.0	"	"	"
Lead (7439-92-1)	**2,450**		5.0	"	"	"
Selenium (7782-49-2)	**272**		5.0	"	"	"
Thallium (7440-28-0)	**7.5**		5.0	"	"	"

Environmental Protection Agency
Region 6 Laboratory
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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2503 **Sample Type: Liquid**

Blank (B9C2503-BLK1)
Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Aluminum	U		100
Barium	U		10.0
Beryllium	U		5.0
Cadmium	U		5.0
Calcium	U		150
Chromium	U		10.0
Cobalt	U		20.0
Copper	U		20.0
Iron	U		25.0
Magnesium	U		150
Manganese	U		5.0
Nickel	U		20.0
Potassium	U		1,000
Silver	U		10.0
Sodium	U		500
Vanadium	U		20.0
Zinc	U		20.0

LCS (B9C2503-BS1)
Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Aluminum	217		100	200	108	75-125
Barium	204		10.0	200	102	75-125
Beryllium	200		5.0	200	100	75-125
Cadmium	204		5.0	200	102	75-125
Calcium	222		150	200	111	75-125
Chromium	203		10.0	200	101	75-125

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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2503 **Sample Type: Liquid**

LCS (B9C2503-BS1)

Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC		%REC Limits
Cobalt	205		20.0	200	103		75-125
Copper	210		20.0	200	105		75-125
Iron	204		25.0	200	102		75-125
Magnesium	207		150	200	104		75-125
Manganese	202		5.0	200	101		75-125
Nickel	201		20.0	200	101		75-125
Potassium	U		1,000	400	NR	#	75-125
Silver	200		10.0	200	100		75-125
Sodium	U		500	200	NR	#	75-125
Vanadium	199		20.0	200	99.6		75-125
Zinc	211		20.0	200	105		75-125

Matrix Spike (B9C2503-MS1)

Source: 0903046-02 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Aluminum	1,160		100	200		582	#	75-125
Barium	443		10.0	200	422	10.6	#	75-125
Beryllium	177		5.0	200		88.4		75-125
Cadmium	172		5.0	200		85.9		75-125
Calcium	590,000		150	200	637,000	NR	#	75-125
Chromium	203		10.0	200		102		75-125
Cobalt	186		20.0	200		93.1		75-125
Copper	299		20.0	200		150	#	75-125
Iron	3,950		25.0	200	4,220	NR	#	75-125
Magnesium	10,000		150	200	10,700	NR	#	75-125
Manganese	379		5.0	200	227	76.4		75-125
Nickel	485		20.0	200	343	71.3	#	75-125

Environmental Protection Agency
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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2503 **Sample Type: Liquid**

Matrix Spike (B9C2503-MS1)

Source: 0903046-02 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Potassium	58,400		1,000	400	59,300	NR	#	75-125
Silver	178		10.0	200		89.0		75-125
Sodium	457,000		500	200	489,000	NR	#	75-125
Vanadium	188		20.0	200		94.1		75-125
Zinc	955		20.0	200	1,290	NR	#	75-125

Matrix Spike (B9C2503-MS2)

Source: 0903046-02 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Aluminum	1,780		100	1,000		178	#	75-125
Barium	1,060		10.0	1,000	422	63.7	#	75-125
Beryllium	813		5.0	1,000		81.3		75-125
Cadmium	802		5.0	1,000		80.2		75-125
Calcium	558,000		150	1,000	637,000	NR	#	75-125
Chromium	838		10.0	1,000		83.8		75-125
Cobalt	830		20.0	1,000		83.0		75-125
Copper	942		20.0	1,000		94.2		75-125
Iron	4,300		25.0	1,000	4,220	8.66	#	75-125
Magnesium	10,000		150	1,000	10,700	NR	#	75-125
Manganese	1,000		5.0	1,000	227	77.7		75-125
Nickel	1,090		20.0	1,000	343	74.5	#	75-125
Potassium	54,800		1,000	2,000	59,300	NR	#	75-125
Silver	684		10.0	1,000		68.4	#	75-125
Sodium	417,000		500	1,000	489,000	NR	#	75-125
Vanadium	812		20.0	1,000		81.2		75-125
Zinc	1,550		20.0	1,000	1,290	25.9	#	75-125

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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2503 **Sample Type: Liquid**

Matrix Spike Dup (B9C2503-MSD1)

Source: 0903046-02 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Aluminum	1,140		100	200		568	#	75-125	2.46	20
Barium	431		10.0	200	422	4.67	#	75-125	2.73	20
Beryllium	169		5.0	200		84.4		75-125	4.69	20
Cadmium	165		5.0	200		82.6		75-125	3.86	20
Calcium	580,000		150	200	637,000	NR	#	75-125	1.77	20
Chromium	197		10.0	200		98.4		75-125	3.28	20
Cobalt	180		20.0	200		90.2		75-125	3.10	20
Copper	287		20.0	200		143	#	75-125	4.24	20
Iron	3,860		25.0	200	4,220	NR	#	75-125	2.52	20
Magnesium	9,790		150	200	10,700	NR	#	75-125	2.50	20
Manganese	368		5.0	200	227	70.8	#	75-125	3.02	20
Nickel	472		20.0	200	343	64.7	#	75-125	2.74	20
Potassium	56,400		1,000	400	59,300	NR	#	75-125	3.44	20
Silver	173		10.0	200		86.4		75-125	2.96	20
Sodium	442,000		500	200	489,000	NR	#	75-125	3.50	20
Vanadium	180		20.0	200		90.0		75-125	4.43	20
Zinc	935		20.0	200	1,290	NR	#	75-125	2.14	20

Matrix Spike Dup (B9C2503-MSD2)

Source: 0903046-02 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Aluminum	1,800		100	1,000		180	#	75-125	1.26	20
Barium	1,080		10.0	1,000	422	65.8	#	75-125	1.99	20
Beryllium	813		5.0	1,000		81.3		75-125	0.07	20
Cadmium	808		5.0	1,000		80.8		75-125	0.71	20
Calcium	565,000		150	1,000	637,000	NR	#	75-125	1.21	20
Chromium	848		10.0	1,000		84.8		75-125	1.23	20

Environmental Protection Agency
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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2503 **Sample Type: Liquid**

Matrix Spike Dup (B9C2503-MSD2)

Source: 0903046-02 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Cobalt	835		20.0	1,000		83.5		75-125	0.54	20
Copper	946		20.0	1,000		94.6		75-125	0.48	20
Iron	4,360		25.0	1,000	4,220	14.7	#	75-125	1.40	20
Magnesium	10,200		150	1,000	10,700	NR	#	75-125	1.92	20
Manganese	1,020		5.0	1,000	227	78.9		75-125	1.22	20
Nickel	1,110		20.0	1,000	343	76.4		75-125	1.73	20
Potassium	55,500		1,000	2,000	59,300	NR	#	75-125	1.35	20
Silver	677		10.0	1,000		67.7	#	75-125	1.06	20
Sodium	419,000		500	1,000	489,000	NR	#	75-125	0.50	20
Vanadium	812		20.0	1,000		81.2		75-125	0.05	20
Zinc	1,580		20.0	1,000	1,290	29.7	#	75-125	2.41	20

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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2505 **Sample Type: Solid**

Blank (B9C2505-BLK1)
Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Aluminum	U		10.0
Barium	U		1.0
Beryllium	U		0.5
Cadmium	U		0.5
Calcium	U		15.0
Chromium	U		1.0
Cobalt	U		2.0
Copper	2.5		2.0
Iron	U		2.5
Magnesium	U		15.0
Manganese	U		0.5
Nickel	U		2.0
Potassium	U		100
Silver	U		1.0
Sodium	U		50.0
Vanadium	U		2.0
Zinc	U		2.0

LCS (B9C2505-BS1)
Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Aluminum	22.0		10.0	20.0	110	75-125
Barium	20.3		1.0	20.0	102	75-125
Beryllium	20.3		0.5	20.0	102	75-125
Cadmium	20.3		0.5	20.0	101	75-125
Calcium	21.1		15.0	20.0	105	75-125
Chromium	20.4		1.0	20.0	102	75-125

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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2505 **Sample Type: Solid**

LCS (B9C2505-BS1)
Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets (Continued)

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Cobalt	20.5		2.0	20.0	102	75-125
Copper	22.5		2.0	20.0	112	75-125
Iron	20.7		2.5	20.0	103	75-125
Magnesium	20.3		15.0	20.0	102	75-125
Manganese	20.4		0.5	20.0	102	75-125
Nickel	20.6		2.0	20.0	103	75-125
Potassium	U		100	40.0	NR	# 75-125
Silver	19.9		1.0	20.0	99.4	75-125
Sodium	U		50.0	20.0	NR	# 75-125
Vanadium	20.0		2.0	20.0	99.8	75-125
Zinc	21.2		2.0	20.0	106	75-125

LCS (B9C2505-BS2)
Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Aluminum	103		10.0	100	103	75-125
Barium	103		1.0	100	103	75-125
Beryllium	103		0.5	100	103	75-125
Cadmium	102		0.5	100	102	75-125
Calcium	106		15.0	100	106	75-125
Chromium	101		1.0	100	101	75-125
Cobalt	103		2.0	100	103	75-125
Copper	104		2.0	100	104	75-125
Iron	102		2.5	100	102	75-125
Magnesium	103		15.0	100	103	75-125
Manganese	102		0.5	100	102	75-125
Nickel	102		2.0	100	102	75-125

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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2505 **Sample Type: Solid**

LCS (B9C2505-BS2)

Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets (Continued)

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Potassium	198		100	200	99.2	75-125
Silver	93.2		1.0	100	93.2	75-125
Sodium	103		50.0	100	103	75-125
Vanadium	101		2.0	100	101	75-125
Zinc	102		2.0	100	102	75-125

Matrix Spike (B9C2505-MS1)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Aluminum	2,000		21.4	42.9	2,310	NR #	75-125
Barium	101		2.1	42.9	81.4	46.0 #	75-125
Beryllium	40.2		1.1	42.9		93.7	75-125
Cadmium	38.7		1.1	42.9	1.2	87.4	75-125
Calcium	142,000		32.1	42.9	173,000	NR #	75-125
Chromium	115		2.1	42.9	87.9	63.3 #	75-125
Cobalt	43.0		4.3	42.9	4.5	89.9	75-125
Copper	288		4.3	42.9	297	NR #	75-125
Iron	18,600		5.4	42.9	20,300	NR #	75-125
Magnesium	4,130		32.1	42.9	4,600	NR #	75-125
Manganese	313		1.1	42.9	307	14.3 #	75-125
Nickel	186		4.3	42.9	177	19.9 #	75-125
Potassium	316		214	85.7	263	61.0 #	75-125
Silver	38.5		2.1	42.9		89.9	75-125
Sodium	3,040		107	42.9	2,860	419 #	75-125
Vanadium	73.3		4.3	42.9	37.0	84.8	75-125
Zinc	2,390		4.3	42.9	2,430	NR #	75-125

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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2505 **Sample Type: Solid**

Matrix Spike (B9C2505-MS2)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Aluminum	2,260		21.6	216	2,310	NR	#	75-125
Barium	270		2.2	216	81.4	87.2		75-125
Beryllium	195		1.1	216		90.5		75-125
Cadmium	188		1.1	216	1.2	86.3		75-125
Calcium	142,000		32.4	216	173,000	NR	#	75-125
Chromium	269		2.2	216	87.9	83.7		75-125
Cobalt	195		4.3	216	4.5	88.4		75-125
Copper	436		4.3	216	297	64.3	#	75-125
Iron	18,500		5.4	216	20,300	NR	#	75-125
Magnesium	4,280		32.4	216	4,600	NR	#	75-125
Manganese	463		1.1	216	307	72.3	#	75-125
Nickel	330		4.3	216	177	70.5	#	75-125
Potassium	672		216	432	263	94.7		75-125
Silver	192		2.2	216		89.1		75-125
Sodium	3,100		108	216	2,860	112		75-125
Vanadium	227		4.3	216	37.0	87.9		75-125
Zinc	2,590		4.3	216	2,430	76.4		75-125

Matrix Spike Dup (B9C2505-MSD1)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Aluminum	2,160		21.0	42.0	2,310	NR	#	75-125	7.47	20
Barium	109		2.1	42.0	81.4	65.0	#	75-125	7.22	20
Beryllium	39.4		1.1	42.0		93.8		75-125	1.88	20
Cadmium	38.2		1.1	42.0	1.2	87.9		75-125	1.39	20
Calcium	148,000		31.5	42.0	173,000	NR	#	75-125	4.61	20
Chromium	117		2.1	42.0	87.9	69.6	#	75-125	1.85	20

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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2505 **Sample Type: Solid**

Matrix Spike Dup (B9C2505-MSD1)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets (Continued)

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Cobalt	42.2		4.2	42.0	4.5	89.6		75-125	2.05	20
Copper	281		4.2	42.0	297	NR	#	75-125	2.56	20
Iron	17,300		5.3	42.0	20,300	NR	#	75-125	7.57	20
Magnesium	4,490		31.5	42.0	4,600	NR	#	75-125	8.40	20
Manganese	302		1.1	42.0	307	NR	#	75-125	3.47	20
Nickel	203		4.2	42.0	177	61.6	#	75-125	8.92	20
Potassium	319		210	84.0	263	66.5	#	75-125	1.12	20
Silver	38.4		2.1	42.0		91.3		75-125	0.42	20
Sodium	2,920		105	42.0	2,860	138	#	75-125	4.08	20
Vanadium	71.9		4.2	42.0	37.0	83.0		75-125	2.00	20
Zinc	2,400		4.2	42.0	2,430	NR	#	75-125	0.38	20

Matrix Spike Dup (B9C2505-MSD2)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Aluminum	2,250		21.2	212	2,310	NR	#	75-125	0.03	20
Barium	259		2.1	212	81.4	83.9		75-125	3.89	20
Beryllium	191		1.1	212		90.2		75-125	2.05	20
Cadmium	184		1.1	212	1.2	86.2		75-125	1.90	20
Calcium	155,000		31.8	212	173,000	NR	#	75-125	8.95	20
Chromium	271		2.1	212	87.9	86.4		75-125	0.91	20
Cobalt	192		4.2	212	4.5	88.2		75-125	1.93	20
Copper	463		4.2	212	297	78.4		75-125	6.08	20
Iron	20,000		5.3	212	20,300	NR	#	75-125	7.83	20
Magnesium	4,500		31.8	212	4,600	NR	#	75-125	5.09	20
Manganese	480		1.1	212	307	81.8		75-125	3.67	20
Nickel	340		4.2	212	177	76.6		75-125	3.07	20

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Metals by EPA Method 6010B - ICP - Quality Control

Batch: B9C2505 **Sample Type: Solid**

Matrix Spike Dup (B9C2505-MSD2)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets (Continued)

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Potassium	649		212	424	263	90.9		75-125	3.54	20
Silver	189		2.1	212		89.0		75-125	1.91	20
Sodium	3,140		106	212	2,860	131	#	75-125	1.18	20
Vanadium	225		4.2	212	37.0	88.8		75-125	0.65	20
Zinc	2,610		4.2	212	2,430	83.0		75-125	0.43	20

Reference (B9C2505-SRM1)

Prepared: 3/24/2009 Analyzed: 3/27/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
Aluminum	111		10.0	115		96.3		47.6-152		
Barium	1.7		1.0	1.60		105		62.5-137		
Beryllium	6.1		0.5	4.90		125		61.2-138		
Cadmium	12.1		0.5	10.9		111		70.6-128		
Calcium	61,400		15.0	44,200		139	#	68.6-131		
Chromium	32.9		1.0	27.1		121		68.3-131		
Cobalt	39.4		2.0	37.4		105		64.7-135		
Copper	2,090		2.0	1,770		118		74.6-126		
Iron	6,140		2.5	6,470		94.9		66.2-133		
Magnesium	37,500		15.0	29,200		128		70.2-129		
Manganese	74.8		0.5	61.0		123		68.2-132		
Nickel	16.0		2.0	16.3		98.1		55.2-145		
Potassium	U		99.8	39.7		NR	#	0-215		#
Silver	7.3		1.0	5.90		123		45.8-154		
Sodium	U		49.9	72.5		NR	#	0-298		#
Vanadium	22.4		2.0	17.6		127		65.9-134		
Zinc	41.2		2.0	47.5		86.8		43.2-156		

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Metals by EPA Method 6020 - ICP MS - Quality Control

Batch: B9C2504 **Sample Type: Liquid**

Blank (B9C2504-BLK1)
Prepared: 3/24/2009 Analyzed: 4/1/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Antimony	U		5.0
Arsenic	U		5.0
Lead	U		5.0
Selenium	U		5.0
Thallium	U		5.0

LCS (B9C2504-BS2)
Prepared: 3/24/2009 Analyzed: 4/1/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Antimony	1,050		5.0	1,000	105	85-115
Arsenic	1,020		5.0	1,000	102	85-115
Lead	1,000		5.0	1,000	100	85-115
Selenium	1,050		5.0	1,000	105	85-115
Thallium	933		5.0	1,000	93.3	85-115

Matrix Spike (B9C2504-MS2)
Source: 0903046-02 Prepared: 3/24/2009 Analyzed: 4/1/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Antimony	1,040		5.0	1,000	10.5	103	70-130
Arsenic	1,070		5.0	1,000	13.5	106	70-130
Lead	1,030		5.0	1,000	14.5	102	70-130
Selenium	1,100		5.0	1,000	31.6	107	70-130
Thallium	1,000		5.0	1,000	1.1	100	70-130

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Metals by EPA Method 6020 - ICP MS - Quality Control

Batch: B9C2504 **Sample Type: Liquid**

Matrix Spike Dup (B9C2504-MSD2)

Source: 0903046-02 Prepared: 3/24/2009 Analyzed: 4/1/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Antimony	1,080		5.0	1,000	10.5	107	70-130	3.50	20
Arsenic	1,100		5.0	1,000	13.5	109	70-130	2.51	20
Lead	1,070		5.0	1,000	14.5	106	70-130	3.67	20
Selenium	1,120		5.0	1,000	31.6	109	70-130	2.28	20
Thallium	1,020		5.0	1,000	1.1	102	70-130	1.99	20

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Metals by EPA Method 6020 - ICP MS - Quality Control

Batch: B9C2508 **Sample Type: Solid**

Blank (B9C2508-BLK1)
Prepared: 3/24/2009 Analyzed: 4/1/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Antimony	U		0.5
Arsenic	U		0.5
Lead	U		0.5
Selenium	U		0.5
Thallium	U		0.5

LCS (B9C2508-BS2)
Prepared: 3/24/2009 Analyzed: 4/1/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Antimony	107		0.5	100	107	85-115
Arsenic	105		0.5	100	105	85-115
Lead	102		0.5	100	102	85-115
Selenium	110		0.5	100	110	85-115
Thallium	94.3		0.5	100	94.3	85-115

Matrix Spike (B9C2508-MS2)
Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 4/1/2009

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Antimony	234		1.1	216	8.3	104	75-125
Arsenic	236		1.1	216	7.6	106	75-125
Lead	237		1.1	216	16.7	102	75-125
Selenium	231		1.1	216	1.7	106	75-125
Thallium	124		1.1	216	2.2	56.5 #	75-125

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Region 6 Laboratory
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Phone:(281)983-2100 Fax:(281)983-2248

Metals by EPA Method 6020 - ICP MS - Quality Control

Batch: B9C2508 **Sample Type: Solid**

Matrix Spike Dup (B9C2508-MSD2)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 4/1/2009

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Antimony	231		1.1	212	8.3	105	75-125	1.10	20
Arsenic	231		1.1	212	7.6	105	75-125	2.23	20
Lead	237		1.1	212	16.7	104	75-125	0.31	20
Selenium	225		1.1	212	1.7	105	75-125	2.86	20
Thallium	106		1.1	212	2.2	48.7 #	75-125	16.3	20

Reference (B9C2508-SRM1)

Prepared: 3/24/2009 Analyzed: 4/1/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Antimony	78.3		2.5	66.0		119	41.8-157		
Arsenic	259		2.5	253		102	60.8-139		
Lead	74.1		2.5	56.9		130 #	72.7-127		
Selenium	10.1		2.5	10.0		101	41-159		
Thallium	15.0		2.5	9.50		158	30.5-169		

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Metals by EPA Method 7470A/7471A - CVAAS - Quality Control

Batch: B9D0109 **Sample Type: Liquid**

Blank (B9D0109-BLK1)
Prepared: 3/30/2009 Analyzed: 3/31/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Mercury	U		0.200

LCS (B9D0109-BS1)
Prepared: 3/30/2009 Analyzed: 3/31/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Mercury	0.961		0.200	1.00	96.1	75-125

Matrix Spike (B9D0109-MS1)
Source: 0903046-02 Prepared: 3/30/2009 Analyzed: 3/31/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	1.27		0.200	1.00	0.419	85.1	75-125

Matrix Spike Dup (B9D0109-MSD1)
Source: 0903046-02 Prepared: 3/30/2009 Analyzed: 3/31/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	1.31		0.200	1.00	0.419	89.1	75-125	3.10	20

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Metals by EPA Method 7470A/7471A - CVAAS - Quality Control

Batch: B9D0305 **Sample Type: Solid**

Blank (B9D0305-BLK1)
Prepared: 4/1/2009 Analyzed: 4/2/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit
Mercury	U		0.03

LCS (B9D0305-BS1)
Prepared: 4/1/2009 Analyzed: 4/2/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Mercury	0.2		0.03	0.200	111	75-125

Matrix Spike (B9D0305-MS1)
Source: 0903046-01 Prepared: 4/1/2009 Analyzed: 4/2/2009

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	3.6		1.2	0.758	3.7	NR #	75-125

Matrix Spike Dup (B9D0305-MSD1)
Source: 0903046-01 Prepared: 4/1/2009 Analyzed: 4/2/2009

Targets

ANALYTE	Result mg/kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	4.1		1.3	0.839	3.7	52.9 #	75-125	12.2	20

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Metals by EPA Method 7470A/7471A - CVAAS - Quality Control

Batch: B9D0305 **Sample Type: Solid**

Reference (B9D0305-SRM1)
Prepared: 4/1/2009 Analyzed: 4/2/2009

Targets

ANALYTE	Result mg/kg wet	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	3.3		0.6	3.59		93.0	51.8-148		

Environmental Protection Agency

Region 6 Laboratory

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Percent Solids - Quality Control

Blank (B9C2412-BLK1)

Prepared: 3/24/2009 Analyzed: 3/24/2009

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit
% Solids	0.000		

Duplicate (B9C2412-DUP1)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/24/2009

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	46.51				46.30	0.47	20

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pH by EPA Method 9040A - Quality Control

Batch: B9C2510 **Sample Type: Solid**

Duplicate (B9C2510-DUP1)

Source: 0903046-01 Prepared: 3/23/2009 Analyzed: 3/23/2009

Targets

ANALYTE	Result pH Units	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
pH	12				12	0.07	20

Environmental Protection Agency
Region 6 Laboratory
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Phone:(281)983-2100 Fax:(281)983-2248

TCLP Metals by EPA Method 1311/6010B-ICP - Quality Control

Batch: B9C2502 **Sample Type: Solid**

Blank (B9C2502-BLK1)
Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit
Arsenic	U		0.10
Barium	U		0.01
Cadmium	U		0.005
Chromium	U		0.01
Lead	U		0.03
Selenium	U		0.10
Silver	U		0.01

Blank (B9C2502-BLK2)
Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit
Arsenic	U		0.10
Barium	U		0.01
Cadmium	U		0.005
Chromium	U		0.01
Lead	U		0.03
Selenium	U		0.10
Silver	U		0.01

LCS (B9C2502-BS1)
Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Arsenic	0.19		0.10	0.200	94.8	75-125
Barium	0.20		0.01	0.200	100	75-125

Environmental Protection Agency
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10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

TCLP Metals by EPA Method 1311/6010B-ICP - Quality Control

Batch: B9C2502 **Sample Type: Solid**

LCS (B9C2502-BS1)
Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets (Continued)

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Cadmium	0.20		0.005	0.200	101	75-125
Chromium	0.20		0.01	0.200	100	75-125
Lead	0.20		0.03	0.200	99.3	75-125
Selenium	0.18		0.10	0.200	89.4	75-125
Silver	0.20		0.01	0.200	99.8	75-125

LCS (B9C2502-BS2)
Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Arsenic	1.06		0.10	1.00	106	75-125
Barium	1.05		0.01	1.00	105	75-125
Cadmium	1.04		0.005	1.00	104	75-125
Chromium	1.03		0.01	1.00	103	75-125
Lead	1.01		0.03	1.00	101	75-125
Selenium	1.04		0.10	1.00	104	75-125
Silver	0.38		0.01	1.00	38.1 #	75-125

Matrix Spike (B9C2502-MS1)
Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Arsenic	0.15		0.10	0.200		74.8 #	75-125
Barium	0.22		0.01	0.200	0.04	91.4	75-125
Cadmium	0.17		0.005	0.200		85.4	75-125
Chromium	0.18		0.01	0.200		91.7	75-125

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TCLP Metals by EPA Method 1311/6010B-ICP - Quality Control

Batch: B9C2502 **Sample Type: Solid**

Matrix Spike (B9C2502-MS1)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets (Continued)

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Lead	0.16		0.03	0.200		78.8	75-125
Selenium	0.22		0.10	0.200		110	75-125
Silver	0.19		0.01	0.200		92.7	75-125

Matrix Spike (B9C2502-MS2)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Arsenic	0.94		0.10	1.00		93.6	75-125
Barium	0.93		0.01	1.00	0.04	88.9	75-125
Cadmium	0.84		0.005	1.00		84.3	75-125
Chromium	0.88		0.01	1.00		87.8	75-125
Lead	0.88		0.03	1.00		87.6	75-125
Selenium	1.02		0.10	1.00		102	75-125
Silver	0.40		0.01	1.00		40.3 #	75-125

Matrix Spike Dup (B9C2502-MSD1)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Arsenic	0.15		0.10	0.200		74.4 #	75-125	0.61	20
Barium	0.22		0.01	0.200	0.04	88.7	75-125	2.41	20
Cadmium	0.17		0.005	0.200		84.0	75-125	1.62	20
Chromium	0.18		0.01	0.200		89.9	75-125	2.08	20
Lead	0.16		0.03	0.200		81.5	75-125	3.45	20
Selenium	0.22		0.10	0.200		110	75-125	0.09	20

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TCLP Metals by EPA Method 1311/6010B-ICP - Quality Control

Batch: B9C2502 **Sample Type: Solid**

Matrix Spike Dup (B9C2502-MSD1)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets (Continued)

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Silver	0.18		0.01	0.200		90.3	75-125	2.54	20

Matrix Spike Dup (B9C2502-MSD2)

Source: 0903046-01 Prepared: 3/24/2009 Analyzed: 3/26/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Arsenic	0.91		0.10	1.00		91.0	75-125	2.79	20
Barium	0.91		0.01	1.00	0.04	87.3	75-125	1.72	20
Cadmium	0.83		0.005	1.00		82.8	75-125	1.75	20
Chromium	0.86		0.01	1.00		86.0	75-125	2.01	20
Lead	0.86		0.03	1.00		85.8	75-125	2.02	20
Selenium	1.02		0.10	1.00		102	75-125	0.04	20
Silver	0.44		0.01	1.00		43.5 #	75-125	7.81	20

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Region 6 Laboratory
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Phone:(281)983-2100 Fax:(281)983-2248

TCLP Metals by EPA Method 1311/7470A-CVAAS - Quality Control

Batch: B9D0108 **Sample Type: Solid**

Blank (B9D0108-BLK1)
Prepared: 3/30/2009 Analyzed: 3/31/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit
Mercury	U		0.0002

Blank (B9D0108-BLK2)
Prepared: 3/30/2009 Analyzed: 3/31/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit
Mercury	U		0.0002

LCS (B9D0108-BS1)
Prepared: 3/30/2009 Analyzed: 3/31/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Mercury	0.001		0.0002	0.00100	96.1	75-125

Matrix Spike (B9D0108-MS1)
Source: 0903046-01 Prepared: 3/30/2009 Analyzed: 3/31/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	0.0009		0.0002	0.00100		93.2	75-125

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TCLP Metals by EPA Method 1311/7470A-CVAAS - Quality Control

Batch: B9D0108 **Sample Type: Solid**

Matrix Spike Dup (B9D0108-MSD1)

Source: 0903046-01 Prepared: 3/30/2009 Analyzed: 3/31/2009

Targets

ANALYTE	Result mg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	0.001		0.0002	0.00100		108	75-125	14.7	20

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Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B9D0704 **Sample Type: Liquid**

Blank (B9D0704-BLK1)
Prepared: 3/23/2009 Analyzed: 3/23/2009

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	52.6		50.0	105	81-124
Surr: Toluene-d8	52.8		50.0	106	86-115
Surr: 4-Bromofluorobenzene	52.1		50.0	104	76-115

Blank (B9D0704-BLK1)
Prepared: 3/23/2009 Analyzed: 3/23/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dichlorodifluoromethane	U		5.0
Chloromethane	U		5.0
Vinyl chloride	U		2.0
Bromomethane	U		5.0
Chloroethane	U		2.0
Trichlorofluoromethane	U		2.0
1,1-Dichloroethene	U		2.0
Carbon disulfide	U		2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	U		2.0
Acetone	U		10.0
Methylene chloride	U		2.0
Methyl acetate	U		2.0
trans-1,2-Dichloroethene	U		2.0
cis-1,2-Dichloroethene	U		2.0
Methyl tert-butyl ether	U		2.0
1,1-Dichloroethane	U		2.0
2-Butanone	U		5.0
Chloroform	U		2.0
1,2-Dichloroethane	U		2.0
1,1,1-Trichloroethane	U		2.0

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B9D0704 **Sample Type: Liquid**

Blank (B9D0704-BLK1)
Prepared: 3/23/2009 Analyzed: 3/23/2009

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Cyclohexane	U		2.0
Carbon tetrachloride	U		2.0
Benzene	U		2.0
Trichloroethene	U		2.0
Methylcyclohexane	U		2.0
1,2-Dichloropropane	U		2.0
Bromodichloromethane	U		2.0
cis-1,3-Dichloropropene	U		2.0
trans-1,3-Dichloropropene	U		2.0
1,1,2-Trichloroethane	U		2.0
Dibromochloromethane	U		2.0
Bromoform	U		2.0
4-Methyl-2-pentanone	U		5.0
Toluene	U		2.0
Tetrachloroethene	U		2.0
2-Hexanone	U		5.0
1,2-Dibromoethane	U		2.0
Chlorobenzene	U		2.0
Ethylbenzene	U		2.0
meta-/para-Xylene	U		4.0
ortho-Xylene	U		2.0
Styrene	U		2.0
Isopropylbenzene	U		2.0
1,1,2,2-Tetrachloroethane	U		2.0
1,3-Dichlorobenzene	U		2.0
1,4-Dichlorobenzene	U		2.0
1,2-Dichlorobenzene	U		2.0
1,2-Dibromo-3-chloropropane	U		5.0
1,2,4-Trichlorobenzene	U		5.0

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Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B9D0704 **Sample Type: Liquid**

LCS (B9D0704-BS1)
Prepared: 3/23/2009 Analyzed: 3/23/2009

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	48.1		50.0	96.2	81-124
Surr: Toluene-d8	47.6		50.0	95.3	86-115
Surr: 4-Bromofluorobenzene	48.2		50.0	96.4	76-115

LCS (B9D0704-BS1)
Prepared: 3/23/2009 Analyzed: 3/23/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dichlorodifluoromethane	53.6		5.0	50.0	107	64-176
Chloromethane	46.1		5.0	50.0	92.1	70-168
Vinyl chloride	63.4		2.0	50.0	127	69-153
Bromomethane	62.7		5.0	50.0	125	73-155
Chloroethane	48.7		2.0	50.0	97.3	68-137
Trichlorofluoromethane	53.1		2.0	50.0	106	74-137
1,1-Dichloroethene	55.2		2.0	50.0	110	71-142
Carbon disulfide	51.9		2.0	50.0	104	58-155
1,1,2-Trichloro-1,2,2-trifluoroethane	52.5		2.0	50.0	105	85-142
Acetone	26.3		10.0	50.0	52.6	46-159
Methylene chloride	53.4		2.0	50.0	107	75-126
Methyl acetate	46.6		2.0	50.0	93.1	70-137
trans-1,2-Dichloroethene	51.3		2.0	50.0	103	73-127
cis-1,2-Dichloroethene	50.9		2.0	50.0	102	83-121
Methyl tert-butyl ether	50.1		2.0	50.0	100	82-124
1,1-Dichloroethane	52.5		2.0	50.0	105	81-123
2-Butanone	35.9		5.0	50.0	71.7	57-153
Chloroform	50.8		2.0	50.0	102	83-119
1,2-Dichloroethane	51.4		2.0	50.0	103	81-120
1,1,1-Trichloroethane	51.3		2.0	50.0	103	82-124

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Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B9D0704 **Sample Type: Liquid**

LCS (B9D0704-BS1)
Prepared: 3/23/2009 Analyzed: 3/23/2009

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Cyclohexane	53.2		2.0	50.0	106	77-141
Carbon tetrachloride	51.7		2.0	50.0	103	81-124
Benzene	51.3		2.0	50.0	103	80-122
Trichloroethene	50.7		2.0	50.0	101	79-121
Methylcyclohexane	44.8		2.0	50.0	89.7	86-126
1,2-Dichloropropane	52.5		2.0	50.0	105	82-119
Bromodichloromethane	51.9		2.0	50.0	104	82-118
cis-1,3-Dichloropropene	52.2		2.0	50.0	104	78-120
trans-1,3-Dichloropropene	50.3		2.0	50.0	101	75-123
1,1,2-Trichloroethane	52.1		2.0	50.0	104	81-116
Dibromochloromethane	52.3		2.0	50.0	105	79-112
Bromoform	51.3		2.0	50.0	103	76-120
4-Methyl-2-pentanone	46.3		5.0	50.0	92.5	79-130
Toluene	50.5		2.0	50.0	101	81-122
Tetrachloroethene	50.1		2.0	50.0	100	81-120
2-Hexanone	39.6		5.0	50.0	79.3	69-138
1,2-Dibromoethane	50.0		2.0	50.0	100	81-117
Chlorobenzene	51.2		2.0	50.0	102	82-119
Ethylbenzene	50.3		2.0	50.0	101	79-126
meta-/para-Xylene	99.6		4.0	100	99.6	73-131
ortho-Xylene	50.3		2.0	50.0	101	79-124
Styrene	50.4		2.0	50.0	101	65-126
Isopropylbenzene	47.9		2.0	50.0	95.8	82-128
1,1,2,2-Tetrachloroethane	49.6		2.0	50.0	99.3	81-117
1,3-Dichlorobenzene	48.4		2.0	50.0	96.9	82-119
1,4-Dichlorobenzene	49.1		2.0	50.0	98.2	82-120
1,2-Dichlorobenzene	48.6		2.0	50.0	97.3	81-117
1,2-Dibromo-3-chloropropane	48.5		5.0	50.0	97.1	74-122
1,2,4-Trichlorobenzene	49.4		5.0	50.0	98.7	78-119

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Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B9D0704 **Sample Type: Liquid**

Matrix Spike (B9D0704-MS1)

Source: 0903046-03 Prepared: 3/23/2009 Analyzed: 3/23/2009

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	48.4		50.0	96.9	81-124
Surr: Toluene-d8	48.1		50.0	96.2	86-115
Surr: 4-Bromofluorobenzene	48.3		50.0	96.6	76-115

Matrix Spike (B9D0704-MS1)

Source: 0903046-03 Prepared: 3/23/2009 Analyzed: 3/23/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Dichlorodifluoromethane	2,440		250	2,500		97.7	50-150
Chloromethane	2,500		250	2,500		100	50-150
Vinyl chloride	2,490		100	2,500		99.7	70-130
Bromomethane	2,340		250	2,500	42.5	92.1	50-150
Chloroethane	2,420		100	2,500		97.0	70-130
Trichlorofluoromethane	2,460		100	2,500	17.0	97.7	70-130
1,1-Dichloroethene	2,360		100	2,500		94.4	61-145
Carbon disulfide	2,450		100	2,500	12.0	97.6	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane	2,450		100	2,500		98.0	70-130
Acetone	118,000	J	500	2,500	132,000	NR #	50-150
Methylene chloride	4,990		100	2,500	2,460	101	70-130
Methyl acetate	4,100		100	2,500	2,030	83.0	70-130
trans-1,2-Dichloroethene	2,570		100	2,500		103	70-130
cis-1,2-Dichloroethene	2,680		100	2,500	25.5	106	70-130
Methyl tert-butyl ether	18,500		100	2,500	16,100	96.3	70-130
1,1-Dichloroethane	2,530		100	2,500		101	70-130
2-Butanone	88,000	J	250	2,500	83,200	192 #	50-150
Chloroform	2,550		100	2,500		102	70-130
1,2-Dichloroethane	2,650		100	2,500		106	70-130
1,1,1-Trichloroethane	2,450		100	2,500		97.9	70-130

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Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B9D0704 **Sample Type: Liquid**

Matrix Spike (B9D0704-MS1)

Source: 0903046-03 Prepared: 3/23/2009 Analyzed: 3/23/2009

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Cyclohexane	2,600		100	2,500		104	70-130
Carbon tetrachloride	2,380		100	2,500		95.4	70-130
Benzene	5,940		100	2,500	3,510	97.2	76-127
Trichloroethene	2,470		100	2,500		99.0	71-120
Methylcyclohexane	3,020		100	2,500	544	99.1	70-130
1,2-Dichloropropane	2,570		100	2,500		103	70-130
Bromodichloromethane	2,540		100	2,500		101	70-130
cis-1,3-Dichloropropene	2,600		100	2,500		104	70-130
trans-1,3-Dichloropropene	2,650		100	2,500		106	70-130
1,1,2-Trichloroethane	2,870		100	2,500		115	70-130
Dibromochloromethane	2,600		100	2,500		104	70-130
Bromoform	2,560		100	2,500		102	70-130
4-Methyl-2-pentanone	3,430		250	2,500	1,030	95.9	70-130
Toluene	9,200		100	2,500	6,680	101	76-125
Tetrachloroethene	2,480		100	2,500	14.0	98.8	70-130
2-Hexanone	1,940		250	2,500		77.5	70-130
1,2-Dibromoethane	2,600		100	2,500		104	70-130
Chlorobenzene	2,540		100	2,500		101	75-130
Ethylbenzene	6,080		100	2,500	3,510	103	70-130
meta-/para-Xylene	21,000		200	5,000	15,700	106	70-130
ortho-Xylene	9,330		100	2,500	6,550	111	70-130
Styrene	2,840		100	2,500		114	70-130
Isopropylbenzene	2,840		100	2,500	306	101	70-130
1,1,2,2-Tetrachloroethane	2,780		100	2,500		111	70-130
1,3-Dichlorobenzene	2,570		100	2,500		103	70-130
1,4-Dichlorobenzene	2,570		100	2,500		103	70-130
1,2-Dichlorobenzene	2,630		100	2,500		105	70-130
1,2-Dibromo-3-chloropropane	3,380		250	2,500		135	50-150
1,2,4-Trichlorobenzene	2,480		250	2,500		99.1	70-130

Environmental Protection Agency
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Phone:(281)983-2100 Fax:(281)983-2248

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B9D0704 **Sample Type: Liquid**

Matrix Spike Dup (B9D0704-MSD1)

Source: 0903046-03 Prepared: 3/23/2009 Analyzed: 3/23/2009

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	47.0		50.0	94.0	81-124
Surr: Toluene-d8	48.4		50.0	96.8	86-115
Surr: 4-Bromofluorobenzene	48.3		50.0	96.6	76-115

Matrix Spike Dup (B9D0704-MSD1)

Source: 0903046-03 Prepared: 3/23/2009 Analyzed: 3/23/2009

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	2,170		250	2,500		86.9	50-150	11.7	20
Chloromethane	2,330		250	2,500		93.1	50-150	7.35	20
Vinyl chloride	2,260		100	2,500		90.3	70-130	9.96	20
Bromomethane	2,270		250	2,500	42.5	89.0	50-150	3.34	20
Chloroethane	2,180		100	2,500		87.0	70-130	10.8	20
Trichlorofluoromethane	2,220		100	2,500	17.0	88.0	70-130	10.3	20
1,1-Dichloroethene	2,160		100	2,500		86.6	61-145	8.62	14
Carbon disulfide	2,230		100	2,500	12.0	88.7	70-130	9.42	20
1,1,2-Trichloro-1,2,2-trifluoroethane	2,200		100	2,500		87.8	70-130	11.0	20
Acetone	115,000	J	500	2,500	132,000	NR #	50-150	2.28	20
Methylene chloride	4,650		100	2,500	2,460	87.5	70-130	6.96	20
Methyl acetate	3,910		100	2,500	2,030	75.4	70-130	4.72	20
trans-1,2-Dichloroethene	2,330		100	2,500		93.2	70-130	9.58	20
cis-1,2-Dichloroethene	2,410		100	2,500	25.5	95.3	70-130	10.5	20
Methyl tert-butyl ether	17,700		100	2,500	16,100	65.4 #	70-130	4.27	20
1,1-Dichloroethane	2,280		100	2,500		91.1	70-130	10.6	20
2-Butanone	86,400	J	250	2,500	83,200	126	50-150	1.89	20
Chloroform	2,320		100	2,500		92.7	70-130	9.69	20
1,2-Dichloroethane	2,400		100	2,500		96.0	70-130	9.90	20
1,1,1-Trichloroethane	2,280		100	2,500		91.0	70-130	7.30	20

Environmental Protection Agency
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Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B9D0704 **Sample Type: Liquid**

Matrix Spike Dup (B9D0704-MSD1)

Source: 0903046-03 Prepared: 3/23/2009 Analyzed: 3/23/2009

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Cyclohexane	2,430		100	2,500		97.1	70-130	7.07	20
Carbon tetrachloride	2,240		100	2,500		89.8	70-130	6.05	20
Benzene	5,770		100	2,500	3,510	90.4	76-127	2.90	11
Trichloroethene	2,300		100	2,500		92.1	71-120	7.16	14
Methylcyclohexane	2,860		100	2,500	544	92.8	70-130	5.35	20
1,2-Dichloropropane	2,400		100	2,500		96.1	70-130	6.72	20
Bromodichloromethane	2,390		100	2,500		95.5	70-130	6.05	20
cis-1,3-Dichloropropene	2,440		100	2,500		97.7	70-130	6.17	20
trans-1,3-Dichloropropene	2,500		100	2,500		99.9	70-130	5.91	20
1,1,2-Trichloroethane	2,710		100	2,500		108	70-130	5.65	20
Dibromochloromethane	2,470		100	2,500		98.8	70-130	5.28	20
Bromoform	2,440		100	2,500		97.4	70-130	4.92	20
4-Methyl-2-pentanone	3,350		250	2,500	1,030	92.7	70-130	2.39	20
Toluene	9,010		100	2,500	6,680	93.2	76-125	2.12	13
Tetrachloroethene	2,290		100	2,500	14.0	91.2	70-130	7.91	20
2-Hexanone	1,950		250	2,500		78.0	70-130	0.59	20
1,2-Dibromoethane	2,470		100	2,500		98.7	70-130	5.29	20
Chlorobenzene	2,370		100	2,500		94.7	75-130	6.85	13
Ethylbenzene	5,980		100	2,500	3,510	98.8	70-130	1.72	20
meta-/para-Xylene	20,800		200	5,000	15,700	101	70-130	1.21	20
ortho-Xylene	9,220		100	2,500	6,550	107	70-130	1.20	20
Styrene	2,660		100	2,500		107	70-130	6.43	20
Isopropylbenzene	2,660		100	2,500	306	94.2	70-130	6.33	20
1,1,2,2-Tetrachloroethane	2,630		100	2,500		105	70-130	5.71	20
1,3-Dichlorobenzene	2,380		100	2,500		95.1	70-130	7.82	20
1,4-Dichlorobenzene	2,400		100	2,500		95.9	70-130	6.81	20
1,2-Dichlorobenzene	2,480		100	2,500		99.0	70-130	5.90	20
1,2-Dibromo-3-chloropropane	3,480		250	2,500		139	50-150	2.94	20
1,2,4-Trichlorobenzene	2,530		250	2,500		101	70-130	1.96	20

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

OFFICIAL CHAIN OF CUSTODY RECORD

PROJ. NO.: | PROJECT NAME: CES

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCLP	Total Metals	Oil & Grease	VOA	REMARKS
8	3/18/09	1422		✓	Main Process Wastewater Filter cake	3	✓	✓		✓	16 oz glass
7	3/18/09	1553		✓	Outfall #5	3		✓	✓		2 x 16 oz glass, 1 x 1L poly
11	3/18/09	1516		✓	Fractionation Tank 1002	1		✓			1 x 1L poly

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	3/19/09 1525				

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)

Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) Isaiah Harris	Date / Time 3/19/09 1525	Remarks: Sample Temp: 5°C
Shipped by:		AirBill Number:		

Distribution: White Accompanies Shipment; Pink to Coordinator Field Files; Green to Report; Yellow Returns with Warrant

EPA 7500-53 (11/96)

6- 09489

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
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Notes and Definitions

The units for surrogates on VOA solid samples are reported in µg/L instead of the expected µg/Kg for a solid sample. The difference is because the surrogate spiking procedure is a post sample preparation addition, and the units are based on the concentration of the surrogate in the diluted extract, not the solid sample.

L	The identification of the analyte is acceptable; the reported value may be biased low. The actual value is expected to be greater than the reported value.
K	The identification of the analyte is acceptable; the reported value may be biased high. The actual value is expected to be less than the reported value.
J	The identification of the analyte is acceptable; the reported value is an estimate.
A	This sample was extracted at a single acid pH.
HTS	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.
AES	Atomic Emission Spectrometer
CVAA	Cold Vapor Atomic Absorption
ECD	Electron Capture Detector
GC	Gas Chromatograph
GFAA	Graphite Furnace Atomic Absorption
ICP	Inductively Coupled Plasma
MS	Mass Spectrometer
NA	Not Applicable
NPD	Nitrogen Phosphorous Detector
NR	Not Reported
TCLP	Toxicity Characteristic Leaching Procedure
U	Undetected
#	Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

Environmental Protection Agency

Region 6 Laboratory

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The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.

Attachment 6

INVOICE

RINECO
Innovative waste management
819 Vulcan Rd -- Haskell
Benton, AR 72015
PH: 501-778-9089 – FAX: 501-778-1096

Remit To: P.O. Box 729
Benton, AR 72018

Rec 09/18

INVOICE : **8090875**
INVOICE DATE: **9/10/2008**
DUE DATE: **11/9/2008**

S02 MICHAEL JASKOWIAK

CES500

CES ENVIRONMENTAL
4904 GRIGGS ROAD
HOUSTON TX 77021

CONTACT:

GENERATOR:

THE LUBRIZOL CORPORATION

41 TIDAL RD. P. O. BOX 158
DEER PARK TX 77536-0158

DESTINATION: **RINECO**

MANIFEST #: **004246955JJK**
MANIFEST DATE: **9/10/2008**
LOAD NUMBER: **154623**

CUSTOMER PO: SHIP VIA: **CES ENVIRONMENTAL SERVICES, INC.** TERMS: **NET 60 DAYS**

LINE	PROFILE	MATERIAL NAME / DESCRIPTION		CONTAINER INFO	UNIT	PROCESSED	UNIT PRICE	EXTD PRICE
1.	0406-07412	116 Light Ends						
		S2 SHRED SOLID APPLIED	55 GAL /MIN AMT	9 DM; 1,312 lbs.	DRM	9.00	100.00	900.00
		S2 SHRED SOLID	55 GAL	2 DM; 476 lbs.	LBS	476.00	0.45	214.20

9/10
Lubrizol D.P.
116 Light Ends

POSTED 9/26/08

INVOICE TOTAL: **1,114.20**
US DOLLARS

1-070903-193008

ORIGINAL

Type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number TXD041067638	2. Page 1 of 1	3. Emergency Response Phone (832) 260-7843	4. Manifest Tracking Number 004246955 JJK

GENERATOR

Generator's Name and Mailing Address: Horizon-Deer Park, PO Box 158, Deer Park, TX 77536 — State ID: 30324

Generator's Site Address (if different than mailing address): Horizon-Deer Park, 41 Tidal Rd. (Attn: Frank Hejtmanek), Deer Park, TX 77536

Generator's Phone: (832) 260-7843 — (832) 260-7843

6. Transporter 1 Company Name: CES Environmental Services, Inc. — State ID 30900 — U.S. EPA ID Number: TXD006950461

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Kelco, 1007 Vulcan Rd., Benton AR, 72015 — State ID D0005 — U.S. EPA ID Number: ARD981057870

Facility's Phone: (501) 778-6325

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, Waste flammable liquids, n.o.s. (pentane, methanol), 3, UN1993, PG III (D001)	~~1~~ 11	DM	550	G	002160 3H, D001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: Folder ID: ~~[illegible]~~ (Horizon-Deer Park, TX) C61 ~~[illegible]~~ RCRA Disposal — Rineco Profile # — CES Job # - 71874

11a) CG141864 11b) 11c) 11d)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator/Offeror's Printed/Typed Name: Frank Hejtmanek — Signature: Frank Hejtmanek — Month 09 Day 09 Year 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROLANDO MORALES — Signature: Rolando Morales — Month 09 Day 10 Year 08

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H061 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: AMBER SMITH — Signature: Amber Smith — Month 09 Day 10 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Systech LNV (Lubrizol Deer Park, Tx)
C-61 trans

mental Services
Cleaning Division
d. • Houston, TX 77021
, 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER
21928

10318	Customer: CES	Date: 8-23-08
tor	Address:	Time:
Trailer / Container Number 238	Dropped By:	Need By:

CONTAINER TYPE: ☐ TOTE BIN ☐ ROLL DOOR BOX ☐ ISO CONTAINER ☐ DRY BULK
☒ TANK TRAILER ☐ ROLL TARP BOX ☐ VACUUM BOX ☐ FRAC TANK ☐ POLY TANK ☐ VACUUM TRUCK

Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1	C61 oil (Pentane, Methanol)	Yes		641
2				
3				
4				
5				

CLEANING CODES	WORK PERFORMED
1 Air Dry	
2 Quick Rinse	
3 Cold Water Rinse	
4 Hot Water Rinse	
5 Steam Only (Per Hour)	
6 Steam & Dry	
7 Rinse, Steam & Dry	✓
8 Detergent Wash, Rinse & Dry	
9 Caustic Wash & Dry	
10 Caustic Wash, Rinse & Dry	
11 Waste Water Surcharge	✓
12 Solvent Wash (Diesel # Hours)	✓
13 Solvent Wash (Stripper)	
14 Exterior Tractor Wash	
15 Exterior Trailer Wash (w/o Internal)	
16 Exterior Trailer Wash (with Internal)	
17 Exterior Acid Brite Wash	✓
18 Hand Labor (# Men / # Hours)	
19 Hydroblaster (# Hours)	
20 Solvent Wash (Green Stripper)	
21 Passivation	
Hose Cleaning	
Pump Cleaning	

TANK ENTRY PERMIT

	#1	#2	#3	#4	#5
Oxygen (19.5% -23.5%)	21.0				
LEL (<10%)	0				
CO^2 (<35 ppm)	0				
Toxic Vapor	0				

Signature: S.E.

Stripper Usage:

Comments:
Manifest # 00424195 5 Drum
00424195 4 57K Heel.

Authorized Additional Services:
11. Drums @ $35 per drum

CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss.

CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard.

Cleaned By: JE ST. Date 9-10-08

Inspected By: _____ Date _____

Print Name: Brad Wood Date 8-23-08

Signature: Brad Wood

file

Form Approved. OMB No. 2050-0039

. type. (Form designed for use on elite (12-pitch) typewriter.)

JRM HAZARDOUS WASTE MANIFEST	1. Generator ID Number TXD041067638	2. Page 1 of 1	3. Emergency Response Phone (832) 260-7843	4. Manifest Tracking Number 004246955 JJK

5. Generator's Name and Mailing Address
Lubrizol-Deer Park
PO Box 158
Deer Park, TX 77536
(832) 260-7843
State ID: 30624

Generator's Site Address (if different than mailing address)
Lubrizol-Deer Park
41 Tidal Rd. (Attn: Frank Hejtmanek)
Deer Park, TX 77536
(832) 260-7843

Generator's Phone:

6. Transporter 1 Company Name
CES Environmental Services, Inc.
State ID 30900
U.S. EPA ID Number TXD008950461

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Veolia
1007 Vulcan Rd
Benton AR, 72015
(501) 778-6325
State ID D0005
U.S. EPA ID Number ARD981057870

Facility's Phone:

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN, Waste flammable liquids, n.o.s. (pentane, methanol), 3, UN1993, PG III (D001)	11	DM	550	G	D001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile ID: Syntech Div. (Lubrizol-Deer Park, TX)
C-61 Trans
Rineco Profile # CES Job # - 71874
11a) CG141864 11b) 11c) 11d)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Frank Hejtmanek
Signature: Frank Hejtmanek
Month Day Year: 09 09 08

INT'L

16. International Shipments ☑ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Signature: Month Day Year
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H061 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Attachment 7

Drum Profiles

Profile Search :	2616
Create Date :	15-Feb-08

Waste Profile | Waste Approval Letter | Waste Recert Letter

SECTION 1: Generator Information

Name :	Evalca Company of America		
Street 1 :	11500 Bay Area Boulevard		
Street 2 :	11500 Bay Area Boulveard		
City :	Pasadena		
State :	TX	Zip :	77507
Contact :	Ron Toombs	Title :	
Phone :	(281) 474-1512	24 Hr :	Fax :
e-mail :		Sales Rep :	
EPA ID :	TXD981148059	State ID : 32728	SIC : na

SECTION 2: Billing Information

Name :	Evalca Company of America		
Street 1 :	11500 Bay Area Boulevard		
Street 2 :	11500 Bay Area Boulveard		
City :	Pasadena		
State :	TX	Zip :	7750
Contact :	Ron Toombs		
Title :			
Phone :	(281) 474-1512	Fax :	

PROCESS FACILITY INFORMATION

1. Base Pricing (including freight): $1.00/gal; $395/load; current FSC; $175/washout

2. Contamination Limits: 1% solids

(maximum limit where surcharge pricing applies)

3. Surcharge Pricing: $0.01/gallon/percent over 1% solids

4. Special Testing Requirements: Run and record in the book pH, Solids, color and if it is a single layer or bi-layered. D(sample to Miles and have a lab distillation run to establish the distillation recovery pe log book and on the inbound.

5. Treatment and Handling Protocol:

6. Treated Wastewater Discharge Subcatergory:

☐ Category A ☐ Category B ☐ Category C

7. Tests for Product Recovered/Recycled (if applicable):

Ne | Refresh

Product | Product Approval Letter

CES Use Only

Profile Number :	2616
Process Facility :	HOU
Appr/Rej Date :	2/15/2008
Expire Date :	2/15/2010
Approved By :	Thangudu Prabha
Process Facility Information :	
Receiving Codes :	Product

)7

) AN INBOUND. prior to recycle processing bring the
:rcentages and operating parameters. Record this in the

CES Environmental Services, Inc.

4904 Griggs Road Houston, TX 77021
Phone: (713) 676-1460 Fax: (713) 676-1676
http://www.cesenvironmental.com
TCEQ Industrial Solid Waste Permit No: 30948
U.S. EPA ID No: TXD008950461 ISWR No: 30900

SECTION 1: Generator Information

Company : Evalca Company of America
Address : 11500 Bay Area Boulevard 11500 Bay Area Boulveard
City, State, Zip : Pasadena TX 77507
Contact : Ron Toombs **Title :**
Phone No : (281) 474-1512 **Fax :**
24 / HR Phone :
U.S EPA I.D No : TXD981148059
State I.D : 32728 **SIC Code** na

SECTION 2: Billing Information

Company : Evalca Company of America
Address : 11500 Bay Area Boulevard 11500 Bay Area Boulveard
City, State, Zip : Pasadena TX 77507
Contact : Ron Toombs **Title :**
Phone No : (281) 474-1512 **Fax :**

SECTION 3: General Description of the Waste

Name of Waste : Methanol

Detailed Description of the Process Generating Waste:

Methanol and water and line flush with Ethylene vinyl alcohol copolymer (EVOH) from plastics processing (for Recycle; D001; U154)

Physical State : ☑ Liquid ☐ Sludge ☐ Powder ☐ Solid ☐ Filter Cake ☐ Combination

Color : clear colorless mobile liquid **Odor :** mild alcochol odor

Specific Gravity (Water=1) : .792 **Density :** 6.63 lbs / gal

Does this material contain any total phenolic compounds? ☐ Yes ☑ No

Does this material contain any para substituted phenolic compounds? ☐ Yes ☑ No

Is the Waste subject to the benzene waste operation NESHAP? (40 CFR Part 61, Subpart FF) ☐ Yes ☑ No

2812	2813	2816	2819	2821	2822	2823	2824	2833	2834	2835	2836	2841	2842	2843	2844	2851
2861	2865	2869	2873	2874	2876	2879	2891	2892	2893	2896	2899	2911	3312	4953	4959	9511

Layers : ☑ Single-Phas ☐ Multi-Phase

Container Type : ☐ Drum ☐ Tote ☑ Truck ☑ Other (explain)

Container Size : 5500

Number Of Units : 1

Is this a USEPA "Hazardous Waste" per 40 CFR 261.3? ☐ Yes ☐ No

If "Yes", then please complete, sign and date the Underlying Hazardous Constituents Form attached hereto

If "Yes", is it: ☐ D001 ☐ D002 ☐ D003

Characteristic for Toxic Metals: ☐ D004 ☐ D005 ☐ D006 ☐ D007 ☐ D008 ☐ D009 ☐ D010 ☐ D011

Characteristics for Toxic Organics: D012 thru D043 (please list all that apply)

Is this an "F" or "K" Listed waste or mixed with one? ☐ Yes ☐ No

If "Yes", then please list ALL applicable codes:

Is this a commercial product or spill cleanup that would carry a "U" or "P" waste code under 40 CFR 261.33(e) or (f)? ☐ Yes ☐ No

If "Yes", then please list ALL applicable codes:

Texas State Waste Code No : 0006605H

Proper U.S. State Waste Code No : RQ, UN 1230, Waste Methanol, 3, PG II (For Recycle)

Class : 3 **UN/NA :** UN1230 **PG :** II **RQ :** 5000

Flash Point	pH	Reactive Sulfides	Reactive Cyanides	Solids
54	3-12	0 mg/l	0 mg/l	<5 %
Oil and Grease	**TOC**	**Zinc**	**Copper**	**Nickel**
0 mg/l	0 mg/l	0 mg/l	0 mg/l	0 mg/l

SECTION 4: Physical and Chemical Data

COMPONENTS TABLE The material / product consists of the following materials	Concentration Ranges are acceptable	Units or %
methanol	50-80	%
water	18-40	%
EVOH	2-10	%

SECTION 5: Safety Related Data

If the handling of this waste requires the use of special protective equipment, please explain.

wear heat protective gloves and clothing if there is a potential of contact with heated materials. Wear safety glases

SECTION 6: Attached Supporting Documents

List all documents, notes, data, and/or analysis attached to this form as part of the waste approval package.

MSDS for methanol, EVOH

SECTION 7: Incompatibilities

Please list all incompatibilities (if any):

see msds

SECTION 8: Generator's Knowledge Documentation

Laboratory analysis of the hazardous waste characteristics, listed below, WAS NOT PERFORMED based upon the following generators knowledge

TCLP Metals : x

TCLP Volatilies : x

TCLP Semi-Volatiles : x

Reactivity : x

Corrosivity : x

Ignitability : x

SECTION 9: Waste Receipt Classification Under 40 CFR 437

Is this material a wastewater or wastewater sludge ? ☐ **YES** ☑ **NO**

If 'YES', complete this section

PLEASE CHECK THE APPROPRIATE BOX: IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE

Matals Subcategory: ***Subpart A***

- ☐ Spent electroplating baths and/or sludges
- ☐ Metal finishing rinse water and sludges
- ☐ Chromate wastes
- ☐ Air pollution control blow down water and sludges
- ☐ Spent anodizing solutions
- ☐ Incineration wastewaters
- ☐ Waste liquid mercury
- ☐ Cyanide-containing wastes greater than 136 mg/l
- ☐ Waste acids and bases with or without metals
- ☐ Cleaning, rinsing, and surface preparation solutions from electroplating or phospha
- ☐ Vibratory deburring wastewater
- ☐ Alkaline and acid solutions used to clean metal parts or equipment

Oils Subcategory: ***Subpart B***

- ☐ Used oils
- ☐ Oil-water emulsions or mixtures
- ☐ Lubricants
- ☐ Coolants
- ☐ Contaminated groundwater clean-up from petroleum sources
- ☐ Used petroleum products
- ☐ Oil spill clean-up
- ☐ Bilge water
- ☐ Rinse/wash waters from petroleum sources
- ☐ Interceptor wastes
- ☐ Off-specification fuels
- ☐ Underground storage remediation wastes
- ☐ Tank clean-out from petroleum or oily sources
- ☐ Non-contact used glycols
- ☐ Aqueous and oil mixtures from parts cleaning operations
- ☐ Wastewater from oil bearing paint washes

Organics Subcategory ***Subpart C***

- ☐ Landfill leachate
- ☐ Contaminated groundwater clean-up from non-petroleum sources
- ☐ Solvent-bering wastes
- ☐ Off-specification organic product
- ☐ Still bottoms
- ☐ Byproduct waste glycol
- ☐ Wastewater from paint washes
- ☐ Wastewater from adhesive and/or epoxies formulation
- ☐ Wastewater from organic chemical product operations

☐ Tank clean-out from organic, non-petroleum sources

(1) If the waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory

(2) If the waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in excess of the values listed below, the waste should be classified in the metals subcategory

Cadmium: 0.2 mg/L
Chromium: 8.9 mg/L
Copper: 4.9 mg/L
Nickel: 37.5 mg/L

(3) If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, or nickel above any of the values listed above, the waste should be classified in the organics subcategory.

☐ Metals Subcatego

☐ Oils Subcatego

☐ Organics Subcategory

SECTION 10: Additional Instruction

If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.

SECTION 11: Generator's Certification

The information contained herein is based on ☑ generator knowledge and/or ☐ analytical data. I hereby cerity that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all materials described by this document.

Authorized Signature : _____ **Date :** 2/14/2008

Printed Name / Title : Ron Toombs /

CES USE ONLY (DO NOT WRITE IN THIS SPACE) **Process Facility Information :**

Compliance Officer : Prabhakar Thangudu

Date : 2/15/2008 **Status :** Approved Rejected

Approval Number : HOU-2616

Attachment 8

CES Environmental Services, Inc.

4904 Griggs Road
Houston, TX 77021
Tel. (713) 676-1460
Fax. (713) 676-1676

April 6, 2009

Mr. David Duster
U.S. Environmental Protection Agency
10625 Fallstone Rd.
Houston, TX 77099

The purpose of this letter is to serve as a follow up to your team's inspection of our facilities on March 18-19, 2009. During and after the inspection you and your team offered some recommendations. The following is a list of the items that were discussed and their status.

Area of Improvement 1 – Labeling / Housekeeping

A. Labeling of Waste Containers
   - Conducted training/safety meeting to convey shortfalls and expectations with all employees (STATUS: Completed on March 27, 2009)
   - Will only use official stick-on labels to identify containers from now on (no more grease penciling) (STATUS: Completed on March 27, 2009)

B. Storage/Processing Vessels Requiring Proper Labeling
   - Labeled all oil storage and oil processing tanks with "USED OIL" signs (STATUS: Completed on March 30, 2009)
   - Will ensure that the flash point of material inside of waste water processing frac tanks remains above 140F so that the tanks do not need to be labeled as containing hazardous material (STATUS: Completed on March 19, 2009)

C. Keeping Waste Containers in Separate Areas from Containers of Products and Materials that are used for Processing
   - The majority of our treatment chemicals will be bulked and kept in large poly tanks in containment instead of drums, allowing us to designate one containment pad specifically for waste containers and one containment pad specifically for products (STATUS: In progress, to be completed by approximately April 10, 2009)

Area of Improvement 2 – Tank Wash

A. "First Flush" Procedures
   - Will re-institute first flush tank (which was out of service when EPA visited, therefore we were using plastic totes in the interim) (STATUS: In progress, plumbing to new first flush tank to be completed by approximately April 10, 2009)

B. Water Drainage/Containment
   - Have put together a design to ensure that water from tankwash stays inside the containment and won't trickle out (STATUS: In progress, awaiting estimate from contractor, should be completed by approximately April 24, 2009)

Area of Improvement 3 – Storm Water Monitoring / Contamination Prevention

A. Monitoring of Wayland Street (Additional Sample Points)
   - Currently working with the City of Houston in regard to this issue (STATUS: In progress, will be completed as soon as possible)

CES Environmental Services, Inc.

4904 Griggs Road
Houston, TX 77021
Tel. (713) 676-1460
Fax. (713) 676-1676

B. Keeping Waste Containers that are Outside Covered

- Conducted training/safety meeting to convey shortfalls and expectations with all employees (STATUS: Completed on March 27, 2009)

We take your suggestions very seriously, and hope that you know that we are continuously trying to improve our processes and the way we do business. Thanks again for your time and assistance. Please feel free to call us if you have any additional questions, comments, or recommendations.

Thanks again,

Joe Camp

Director of Processing
CES Environmental Services, Inc.
cell: (713) 367-8601

Attachment 9

CES Environmental Services, Inc.

HAZARDOUS WASTE STORAGE AREA INSPECTION FORM

Weekly Inspection

Inspection Questions	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Is each container marked with a Hazardous Waste label?	Yes ✓ No ____*	Yes ✓ No ____*	Yes ✓ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*
Is the Accumulation Start Date marked on each container?	Yes ✓ No ____*	Yes ✓ No ____*	Yes ✓ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*
Are the contents marked on each container?	Yes ✓ No ____*	Yes ✓ No ____*	Yes ✓ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*
Are the containers closed when not adding waste?	Yes ✓ No ____*	Yes ✓ No ____*	Yes ✓ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*
Are liquid wastes in secondary containment?	Yes ✓ No ____*	Yes ✓ No ____*	Yes ✓ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*
Are the containers in good condition?(not leaking, bulging, or rusted)	Yes ✓ No ____*	Yes ✓ No ____*	Yes ✓ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*
Are incompatible wastes segregated?	Yes ✓ No ____*	Yes ✓ No ____*	Yes ✓ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*
Are a fire extinguisher, phone, and eyewash accessible?	Yes ✓ No ____*	Yes ✓ No ____*	Yes ✓ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*
Are emergency response materials readily accessible?	Yes ✓ No ____*	Yes ✓ No ____*	Yes ✓ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*	Yes ____ No ____*
Initial:	LLT	LLT	LLT					
Date:	2-27-09	3-7-09	3-13-09					

*** Corrective Actions Taken:**

Reviewer's Summary
Resource Conservation and Recovery Act

Facility Name:

CES Environmental Services, Inc.
4909 Griggs Road
Houston, TX 77021-3208
RCRA ID. No: TXD008950461
pthangudu@cesenvironmental.com

Inspection Date:

March 17-19, 2009 & April 29, 2009

Summary:

On March 17-19, 2009, and April 29, 2009, representatives of the Environmental Protection Agency (EPA) conducted a compliance evaluation inspection at CES Environmental Services Inc., to determine if the facility was in compliance with the requirements of the Resource Conservation & Recovery Act (RCRA). The RCRA compliance evaluation inspection was one component of the multimedia inspection that was conducted by EPA at this facility. This facility was also inspected for compliance with the Clean Air Act, and the National Pollutants Discharge Elimination Systems (NPDES).

This facility is a large quantity generator that operates as a non-hazardous industrial and solid waste processing and storage facility. The facility operates as a centralized wastewater treatment plant, an industrial and hazardous waste transporter, a solid and hazardous waste transfer facility and a non-hazardous industrial solid waste processing and storage facility with a TCEQ Hazardous Waste Permit No. 39048. The facility performs tank truck and container washing operations and used oil treatment and recovery operations. The facility cleans approximately 4,500 truck trailers, roll-off boxes and totes/year.

A tour of the facility identified the following areas of concerns:

1. Tank Truck Trailers No. 221 & 7251 were storing Methanol waste, hazardous wastes codes D001 and F003 and the tank trunks were not labeled with the words "hazardous Waste," as is required by 40 C.F.R. § 262.34(a)(3). **Corrected on March 27, 2009.**
2. At the Tank Wash Bays No. 4 & 5, four 300-gallon containers storing hazardous waste from washing Tank Truck No. 7253 were not labeled with the words "hazardous Waste" or contained the date of accumulation, as is required by 40 C.F.R. §§ 262.34(a)(2) - (a)(3). **Corrected on March 27, 2009.**

To: Rhonda Smith/R6/USEPA/US,
Cc:
Bcc:
Subject: RE: CES Environmental Services, Inc.

Good Morning,

I called Gary Porter, to obtain information about their investigation at CES Environmental, Inc., Houston, TX. Mr. Porter informed me that he received my previous message and was waiting for Guy Tidmore to return from leave before calling me. After providing him with an explanation, he referred me to Bill Stevens, EPA-CID, 713-209-4898. Mr. Stevens stated that he is pursuing a criminal investigation at CES Environmental Services and requested my telephone number to provide it to George Horvak. I continued to request for information and was informed that CID is pursuing an investigation. I explained the violations noted during the RCRA CEI, in an attempt to obtain additional information, and was told that at the time of the criminal investigation they did not observer labels on containers. However, now that he's aware of the letter sent to EPA, he requested a copy. I gave him the name of the inspector.

I requested a copy of any enforcement action that may be issued against CES for our files. Mr. Stevens agreed, and stated that the investigation may take a while.

I will keep this file open until CID concludes their investigation.

Elvia

Reviewer's Summary
Resource Conservation and Recovery Act

Facility Name:

CES Environmental Services, Inc.
4909 Griggs Road
Houston, TX 77021-3208
RCRA ID. No: TXD008950461
pthangudu@cesenvironmental.com

Inspection Date:

March 17-19, 2009 & April 29, 2009

Summary:

On March 17-19, 2009, and April 29, 2009, representatives of the Environmental Protection Agency (EPA) conducted a compliance evaluation inspection at CES Environmental Services Inc., to determine if the facility was in compliance with the requirements of the Resource Conservation & Recovery Act (RCRA). The RCRA compliance evaluation inspection was one component of the multimedia inspection that was conducted by EPA at this facility. This facility was also inspected for compliance with the Clean Air Act, and the National Pollutants Discharge Elimination Systems (NPDES).

This facility is a large quantity generator that operates as a non-hazardous industrial and solid waste processing and storage facility. The facility operates as a centralized wastewater treatment plant, an industrial and hazardous waste transporter, a solid and hazardous waste transfer facility and a non-hazardous industrial solid waste processing and storage facility with a TCEQ Hazardous Waste Permit No. 39048. The facility performs tank truck and container washing operations and used oil treatment and recovery operations. The facility cleans approximately 4,500 truck trailers, roll-off boxes and totes/year.

A tour of the facility identified the following areas of concerns:

1. Tank Truck Trailers No. 221 & 7251 were storing Methanol waste, hazardous wastes codes D001 and F003 and the tank trunks were not labeled with the words "hazardous Waste," as is required by 40 C.F.R. § 262.34(a)(3). **Corrected on March 27, 2009.**

2. At the Tank Wash Bays No. 4 & 5, four 300-gallon containers storing hazardous waste from washing Tank Truck No. 7253 were not labeled with the words "hazardous Waste" or contained the date of accumulation, as is required by 40 C.F.R. §§ 262.34(a)(2) - (a)(3). **Corrected on March 27, 2009.**

3. At the facility's less than 90-day storage area, two of the five 300-gallon containers storing wastes from washing tank truck trailer No. 7253 were open and all five containers were not labeled with the words, "Hazardous Wastes" or contained the date of accumulation, as required by 40 C.F.R. § 265.173(a) & 40 C.F.R. § 262.34(a)(2) - (a)(3). **Corrected on March 27, 2009.**

4. At the facility's less than 90-day storage area, four 55-gallon containers prepped for shipment to Rinco in Benton Arkansas, were not labeled with words, "Hazardous Wastes" or contained the date of accumulation, as is required by 40 C.F.R. § 265.173(a) & 40 C.F.R. §§ 262.34(a)(2) - (a)(3). **Corrected on March 27, 2009.**

5. At the facility's used oil processing area, three 55-gallon drums and used oil processing and feed tanks storing used oil were not labeled with the words "Used Oil," as is required by 40 C.F.R. § 279.22(c)(1). **Corrected on March 30, 2009.**

6. Provide a hazardous waste determination for the four 300-gallon containers labeled as non-hazardous materials observed at the front of the gate. According to a sample obtained by the EPA, the content of the containers is hazardous waste code D001, an ignitable hazardous waste code. The containers were not labeled with the words, "Hazardous Waste", as is require by 40 C.F.R. § 262.34(a)(2). According to the inspector, the containers were returned to "Rain for Rent."

Recommendation: In a letter dated April 6, 2009, sent to EPA, this facility demonstrated that the violations identified during the March 17, 2009 inspection were corrected. This file will be closed.

Enforcement Officer: Elvia E. Evering
Date of Review: August 4, 2009

TXD008950461 HZ/RC/GT
6EN-HE
Received
7/09
Houston

MEMORANDUM

DATE: June 15, 2009

SUBJECT: RCRA Compliance Inspection

FROM: Stacey Dwyer, Chief Stacey Dwyer
Surveillance Section (6EN-AS)

TO: Rhonda Smith, Chief
RCRA Compliance and Enforcement Section

RECEIVE
JUN 19 2009
Air/Toxics & Inspection
Coordination Branch
6EN-A

The RCRA inspection report has been prepared and reviewed by Compliance Assurance and Enforcement Division personnel. This report is being forwarded to you for your information and action.

Inspection dates: March 17-19 and April 29, 2009
EPA ID No: **TXD008950461**
Name of Facility: **CES Environmental Services Inc.**
Facility Mailing Address: 4904 Griggs Road.
Houston, Texas 77021-3208
Email: pthangudu@cesenvironmental.com
Facility Owner: Same
Telephone: (713) 676-1460
Description of Facility: See Narrative
Type of Ownership: __Federal __State __County __Municipal X Private
Did facility request a copy of the report: X Yes __ No
HW Activities: X Generator X Transporter X Treatment
__ Disposal X Storage
Type of Inspection: X Lead __Overview __PSMS Commitment X CEI
__CME __Land Ban __OIS __Surface Impoundment _BIF
_Case Development_Multimedia
INSPECTION PARTICIPANTS: (name and phone number)
EPA Inspector(s): D. Duster (281) 983-2154
State Inspector(s): See Report
Facility Representative(s): Prabhakar Thangudu
Checklists Completed: (indicate number of each checklist attached)
_Generator __Waste Piles _Thermal Treatment
_TSD __Closure _Chem.,Physical,& Bio. Treatment
_Tanks __Post Closure __Surface Impoundments
_Containers __Incinerator __Generator Supplement
_Landfill _Land Treatment X Attachments
_Transporter _Groundwater _ Photographs
_Land Ban __CME __ LOIS
_O and M __Other **Narrative**
Apparent violations noted during out briefing: See Narrative for listing of areas of concern.

Reviewed by: Ken Coop Date: 6-15-09

CES Environmental Services Inc.
Houston, Texas
TXD008950461

Introduction

On March 17-19 and April 29 2009, I performed an unannounced Resource Conservation Recovery Act (RCRA) compliance evaluation inspection (CEI) at the CES Environmental Services Inc. facility located at 4904 Griggs Road, Houston, Texas 77021-3208. This inspection was one component of a larger EPA multi-media inspection that included the Clean Air Act and NPDES regulatory programs.

Inspection Participants

The following individuals participated in this inspection:

EPA Personnel

David Duster	Inspector	281-983-2154
Ken Cooper	Inspector	281-983-2109
Paul James	Enforcement Officer	214-665-6455
James Eng	NPDES Inspector	281-983-2100
Ken Aubuchon	NPDES Inspector	281-983-2100
Ray Flores	Chemist	281-983-2100
Nick Gannon	Chemist	281-983-2100
Clarence Jackson	Chemist	281-983-2100

TCEQ Personnel

Barbara Johnston	Inspector	713-767-3500

CES Personnel

Prabhakatar Thangudu	HSE Manager	713-676-1460
Joe Camp	Dir. of Processing	713-367-8601
Clark Hickman	Consultant	713-676-1460

Facility and Hazardous Waste Management Overview

The CES Environmental Services Inc. (CES) facility operates as a centralized wastewater treatment plant, an industrial and hazardous waste transporter, a solid and hazardous waste transfer facility and a nonhazardous industrial solid waste processing and storage facility (TCEQ IHW Permit No. 39048). In addition, the facility performs

tank truck and container washing operations and used oil treatment and recovery operations. The facility cleans approximately 4,500 truck trailers, roll-off boxes and totes per year.

CES discharges treated process wastewater to the City of Houston Sims Bayou Wastewater Treatment Facility. CES is subject to applicable pretreatment standards contained in 40 CFR Sections 437.16, 26, 36 and 442.16(b).

A listing of the waste generated by CES and its waste management units is provided in their most recent TCEQ Notice of Registration (NOR) provided in Attachment 1.

Inspection Narrative

EPA and TCEQ inspectors arrived at the CES Environmental Services Inc. facility at approximately 09:30 hrs. on March 17-19, 2009. We presented our credentials to Mr. Prabhakatar Thangudu, HSE Manager, who served as our point of contact during the inspection. I informed Mr. Thangudu of the purpose of the inspection. I also told him that this inspection was conducted as part of an EPA Region 6 initiative focusing on centralized wastewater treatment plants.

Mr. Joe Camp, Director of Processing, provided us a brief description of the facility's wastewater treatment process. Prior to shipment, a profile for each client waste stream is prepared. Incoming streams are segregated into three categories: water with dissolved metals, oil and water, organics and water. The treatment process for each category is provided in Attachment 2.

Following this discussion, Mr. Thangudu and Mr. Camp escorted us on a tour of the facility. During this tour, we observed the facility's used oil processing, tank truck cleaning, methanol recovery, solid waste processing, and waste transfer and wastewater treatment operations. Tanks storing used oil were not labeled with the words "Used Oil."

During this tour and a follow-up walk through the following morning, I observed the facility storing waste material in containers that was suspected of containing hazardous waste. Many of these containers were holding waste generated through their methanol recycling activities. CES recycles methanol through simple distillation. The incoming waste is manifested as a F003 and D001 hazardous waste. A process description for this activity is provided in Attachment 3. An example invoice for sale of this product is also provided in Attachment 3.

To ascertain whether these vessels contained a hazardous waste, samples were collected and analyzed for ignitability and volatile organic chemicals by the EPA mobile lab. A summary of these locations, observations and sample results are provided below. Ignitability testing was performed onsite except for Sample No. 12 that was performed at the EPA Region 6 Laboratory in Houston, Texas. The field results are documented in

CES Environmental Services Inc.
Houston, Texas 77021
TXD008950461

Attachment 4. TCLP testing of Sample No. 8 was conducted at the EPA Houston Laboratory. Also, a confirmatory analysis of Sample No. 11 was performed at the Houston laboratory. The results are documented in Attachment 5.

Sample No.	Location/Unit	Observations	Sample Results
1	CES Trailer 7253	A tank truck trailer holding recyclable methanol was observed parked. The waste was generated at the Evalca Company of America facility located in Pasadena, Texas. The waste was shipped as a D001 and F003 hazardous waste. The trailer was not labeled with the words "hazardous waste." There is no documentation that the container is inspected weekly. *See Photo 1.*	The contents in the trailer were ignitable (D001).
2	CES Trailer 221	A tank truck trailer holding recyclable methanol was observed parked. The waste was generated at the Evalca Company of America facility located in Pasadena, Texas. The waste was shipped as a D001 and F003 hazardous waste. The trailer was not labeled with the words "hazardous waste." There is no documentation that the container is inspected weekly. *See Photo 2.*	The contents in the trailer were ignitable (D001).
3	Tank Wash Bay 5	Two 300-gallon totes were observed with no hazardous waste label or the contents of the container. According to Mr. Camp, the totes contained the "first flush" from tank cleaning. The truck contained recyclable methanol that was manifested as a D001 and F003 hazardous waste. *See Photo 3.*	The contents in the tote were ignitable (D001)
4	Tank Wash Bay 4	Two 300-gallon totes were observed with no hazardous waste label or the contents of the container. According to Mr. Camp, the totes contained the "first	The contents in the totes based on a sample collected from one the totes were ignitable

		flush" from tank cleaning. The truck contained waste from cleaning a tank truck holding recyclable methanol that was manifested as D001 and F003 hazardous waste. *See Photo 4.*	(D001).
5	Totes Located at Gate	Four 300-gallon totes were observed with no hazardous waste label or the contents of the container. Mr. Camp stated the material was returned to "Rain for Rent". *See Photo 5.*	The contents in the totes based on a sample collected from one of the totes were ignitable (D001). *I requested an MSDS of this material. To date, CES has not provided this documentation.*
6	55-gallon Drum Labeled "Spent Caustic"	A 55-gallon drum labeled as holding non-hazardous waste, spent caustic was observed.	The pH of the material was 6.6
7	Discharge to City of Houston POTW	The discharge to the City of Houston POTW is exempt from RCRA regulation.	Benzene, toluene, ethyl benzene, and xylene were detected.
8	Filter Cake From Waste Water Filter Press	Sludge generated by wastewater treatment. Disposed in non-hazardous waste landfill.	Results indicate the sludge is a non-hazardous waste.
9	55-gallon Drum CES Profile No. 1899	55-gallon drum labeled as non-hazardous.	The pH of the material was 2.6
10	Tote in Metal Fabrication Shop	Unlabeled tote.	The pH of the material was 9.9
11	CES Frac Tank No. 1002	Three frac tanks labeled as Tank No. 1001, 1002 and 1003 hold wastewater. According to CES personnel Mr. Camp and Mr. Clint Holdin, wastewater stored in these tanks are destined for processing or off-site disposal depending on specifications, particularly metal content. *See Photo 6.*	The material tested from Tank No. 1002 was ignitable (D001) and contained benzene (D018) at 6.5 parts per million.
12	Recycled Methanol Stored in Less than 90 Day Storage Area	Five 300-gallon containers were observed without a hazardous waste label. Two of the containers were open. *See Photo 7.*	The contents in the totes based on a sample collected from one of the totes were ignitable

			(D001).

Also, during the tour I observed four 55-gallon containers that were stored in the less than 90-day storage area, prior to being bulked and shipped to the Rinco hazardous waste treatment facility in Benton, Arkansas. The containers were not labeled with the words "hazardous waste" or a date of accumulation. The contents of the containers are profiled in the hazardous waste manifest for shipment to Rinco as a D001 hazardous waste (See Attachment 6). The material was generated at the Lubrizol facility in Deer Park, Texas. *See Photo 8.* The waste material had not exceeded the allowable time for storage at a hazardous waste transfer facility. Also, three 55-gallon drums holding waste oil were not labeled with the words "used oil."

I returned to CES on April 29, 2009 to follow-up on unresolved issues from my previous visit. I was accompanied by EPA NPDES inspector, Mr. Ken Aubuchon. During this visit, I requested the facility to provide me the following information: 1) a description of use of the frac tanks in wastewater treatment process, 2) a process description of the methanol recovery, 3) copies of invoices from sale of recovered methanol and 4) copies of manifests from tank trucks that contain the wastes from washing those trucks located in Tank Wash Bays No. 4 and No. 5 and less than 90 day storage area and 5) MSDS sheets detailing waste characteristics from "Rain for Rent" containers that were tested in Sample No. 5.

A review of this information indicates that the facility recycles methanol that was shipped and received as a D001 and F003 hazardous waste. The wastes that were tested in Samples No. 3, 4 and 12 originated from Tank Truck 7253. A copy of the waste manifest for waste shipped in Tank Truck 7253 that identifies the waste contents is provided in Attachment 3. CES waste profile indicates that it contains 50-80 percent methanol (See Attachment 7). The recovered methanol is sold at $0.30/gallon rate (See Attachment 3). CES has not provided me MSDS information on the waste that was stored in containers tested in Sample No. 5.

Areas of Concern

1. Tank Truck Trailers No. 221 and No. 7253 were observed storing waste methanol. According the waste manifest for Tank Truck No. 7253, the waste is classified as a F003 and D001 hazardous waste (See Attachment 3). CES waste profile indicates that this waste contains 50-80 percent methanol (See Attachment 7). The tanks trucks were not labeled with the words "hazardous waste," a date of accumulation, or inspected on a weekly basis. See Attachment 9 for weekly container inspection documentation. *See Photos 1-2.*

Do they have a storage permit for this area?

2. Four 300-gallon containers holding wastes from washing Tank Truck No. 7253, located in Tank Wash Bays No. 4 and No. 5, were not labeled with the words "hazardous waste" or a date that accumulation in excess of 55-gallons began. There is no indication that the wastes were stored greater than three days at the

point of generation. The waste material was a F003 listed waste and was ignitable (D001) based on EPA testing. *See Photos 3-4.*

3. Five 300-gallon containers were observed stored in the facility's less than 90-day container storage area. According to Mr. Holdin (See Attachment 3), the wastes in these containers resulted from washing Tank Truck Trailer No. 7253. Two of drums were observed open. The containers were not labeled with the words "hazardous waste" or a date of accumulation. *See Photo 7.*

4. Also, during the tour I observed four 55-gallon containers that were stored in the less than 90-day storage area, prior to being bulked and shipped to the Rinco hazardous waste treatment facility in Benton, Arkansas. The containers were not labeled with the words "hazardous waste" or a date of accumulation. The contents of the containers are profiled in the hazardous waste shipment manifest to Rinco as a D001 hazardous waste (See Attachment 6). The material was generated at the Lubrizol facility in Deer Park, Texas. The waste material had not exceeded the allowable time for storage at a hazardous waste transfer facility. *See Photo 8.*

   - Is this shipped off site? are they a transfer facility?

5. CES utilizes three frac tanks, labeled as Tank No. 1001, 1002 and 1004 to store wastewater. According to CES personnel, Mr. Camp and Mr. Clint Holdin, wastewater stored in these tanks are destined for processing or off-site disposal depending on specifications, particularly metal content. The material tested from Tank No. 1002 was ignitable (D001) and contained benzene (D018) at 6.5 parts per million. These tanks are not listed in CES's pretreatment application. CES's wastewater treatment flow diagram indicates that these tanks serve as equalization tanks (See Attachment 3). I informed Mr. Thangudu, Mr. Camp and Mr. Holdin that if these tanks are an integral part of CES's wastewater treatment, they should provide notification to the City of Houston pretreatment program of their installation and use. *See Photo 6.*

   Are they RCRA tanks then?

6. Three 55-gallon drums holding waste oil were not labeled with the words "used oil." *See Photo 9.* Also used oil processing and feed tanks were not labeled with the words "used oil."

   do they need to be labeled if they fall under 437 permit?

7. To date, CES has not provided information on the waste characteristic of four 300-gallon containers observed by the front of the gate. A sample collected from the containers indicates that the waste was a D001, ignitable, hazardous waste. The containers were not labeled with the words "hazardous waste" or marked with the date of accumulation. *See Photo 5.* According to Mr. Camp, the containers belonged to "Rain for Rent." The waste and containers were returned to "Rain for Rent."

   do they have a permit for this area? Transfer facility area?

8. CES' responses to these areas of concern are provided in Attachment 8.

CES Environmental Services Inc.
Houston, Texas 77021
TXD008950461

David Duster

Attachment 1 CES Most Recent TCEQ Notice of Registration
Attachment 2 CES Wastewater Treatment Flow Diagram
Attachment 3 Methanol Recycling Process Description, Waste Methanol Manifests, Product Invoice
Attachment 4 Field Ignitability and VOC Test Results
Attachment 5 EPA Laboratory Confirmation Analytical Results
Attachment 6 Rinco Shipment Manifest
Attachment 7 CES Waste Methanol Profile
Attachment 8 CES' Response
Attachment 9 Weekly Container Inspection Documentation

Photolog
CES Environmental Services
March 17-19, 2009 and April 29, 2009

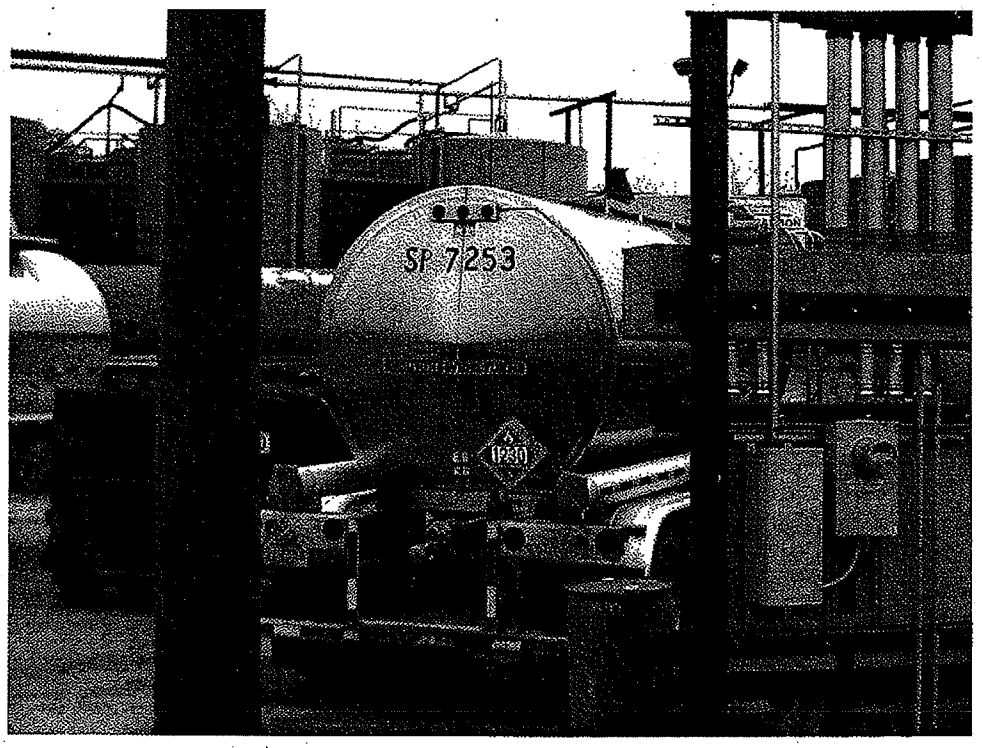

Photo 1. Tank Truck 7253, storing recyclable methanol, shipped as a F003 and D001 hazardous waste. March 17, 2009. Photographer: David Duster

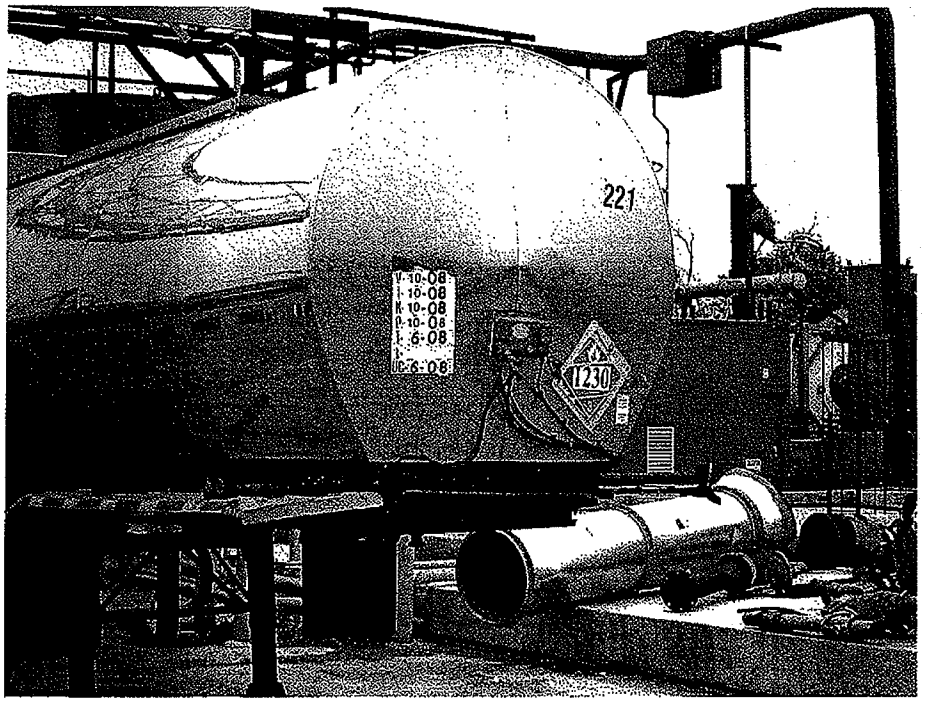

Photo 2. Tank Truck 221, storing recyclable methanol, shipped as a F003 and D001 hazardous waste. March 17, 2009. Photographer: David Duster

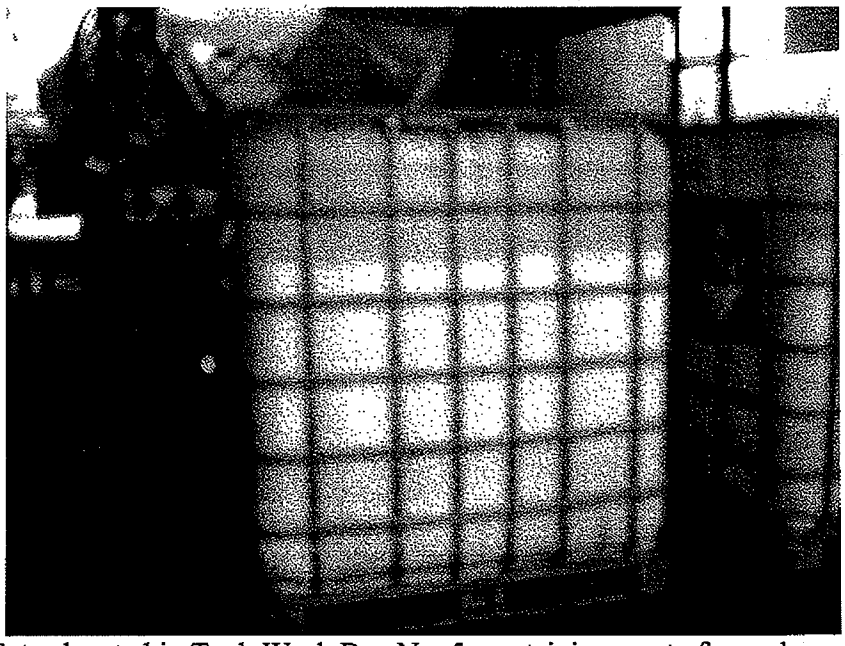

Photo 3. Totes located in Tank Wash Bay No. 5, containing waste from cleanout of tank truck holding F003 and D001 waste.

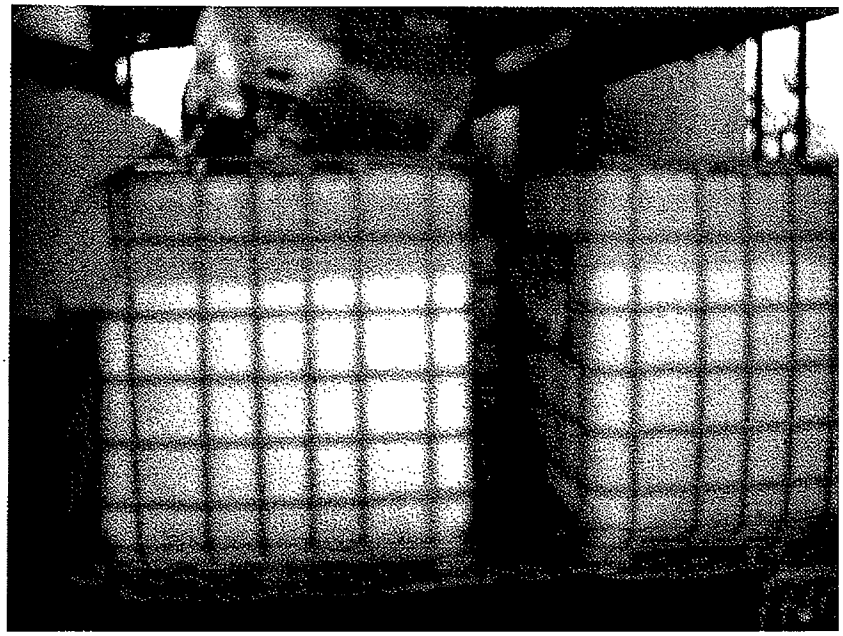

Photo 4. Totes located in Tank Wash Bay No. 4, containing waste from cleanout of tank truck holding F003 and D001 waste. March 18, 2009. Photographer: Ray Flores.

Photo 5: Four Drums from "Rain for Rent" that were labeled as holding non-hazardous waste. Drums were returned to "Rain for Rent." The material tested positive for ingitability. March 17, 2009. Photographer: David Duster.

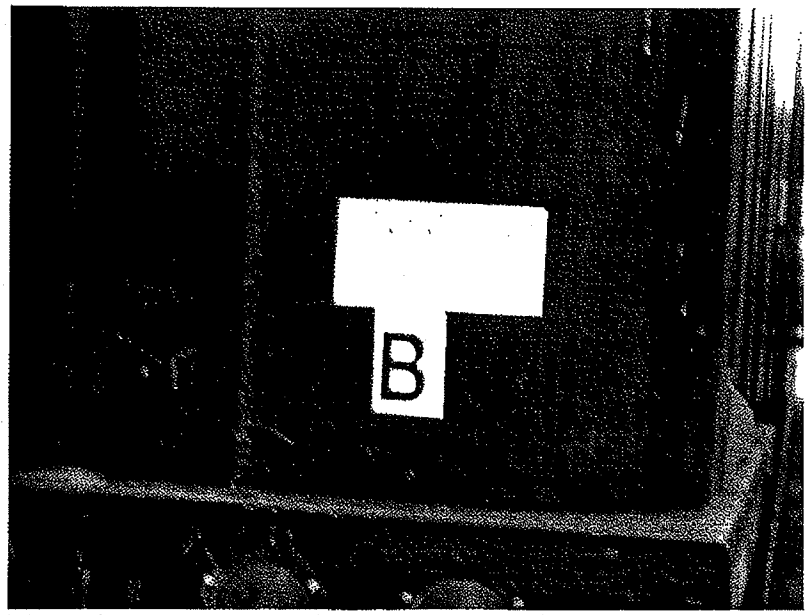

Photo 6. Frac Tank holding D018 waste based on EPA analytical results. April 29, 2009. Photographer: David Duster.

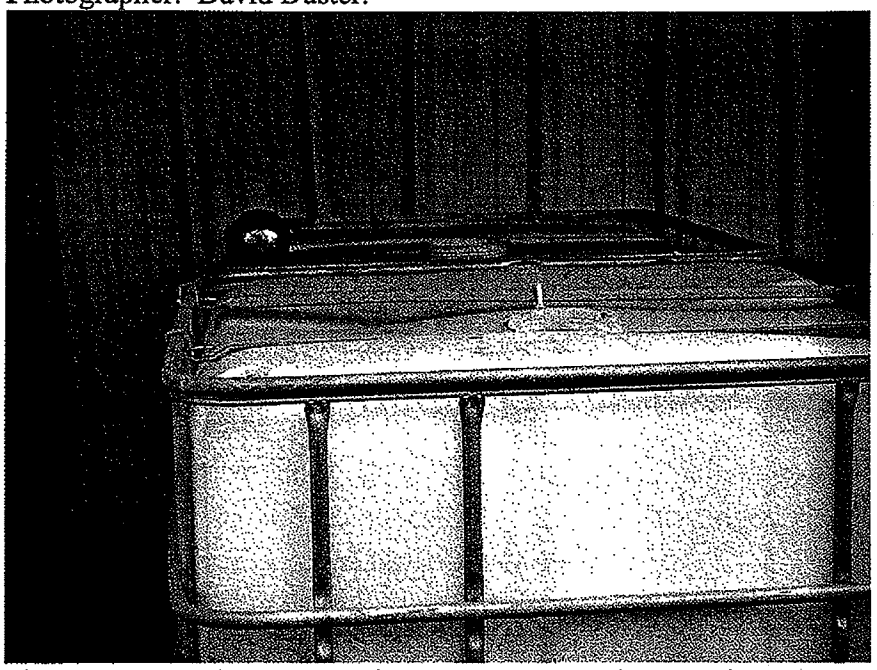

Photo 7. Seven drums stored in the less than 90-day container storage area. Drums were not labeled with the words "hazardous waste" or a date of accumulation. Two containers were observed open. According to Mr. Camp, the waste was derived from recycling the F003 and D001 waste methanol. March 17, 2009. Photographer: David Duster.

Photo 8. Containers holding spent or waste oil. The drums should be labeled with the words "used oil." March 17, 2009. Photographer: David Duster.

Photo 9. Seven 55-gallon containers holding hazardous waste that was bulked and sent to Rinco in Benton, Arkansas. The drums were not labeled with the words "hazardous waste." March 17, 2009. Photographer: David Duster.

Attachment 1

RECEIVED
FEB 23 2009
BY:

H.S Buddy Garcia, *Chairman*
Bryan W. Shaw, *Commissioner*
Larry R. Soward, *Commissioner*
Mark Vickery, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 7, 2009

Prabhakar Thangudu
CES Environmental Services Inc
4904 Griggs Rd
Houston TX USA 77021

Re: Electronic Notice of Registration Amendment for SWR: 30900

Dear Prabhakar Thangudu:

Thank you for the recent electronic submittal for updating your facility's Notice of Registration (NOR). The Texas Commission on Environmental Quality is pleased to provide you with a summary of the results of your electronic submittal. Your amendment(s) has been processed with the following results:

1 attempted change was received.
1 attempted change was updated to your NOR.

A copy of the amended NOR is enclosed for your convenience. Please review it and notify the Data Analysis Team if there are any errors.

If you have any questions or comments on the processing of your electronic NOR amendment submittal, please contact the Data Analysis Team at (512) 239-6413. If your questions are of a technical nature concerning STEERS, please call the STEERS helpline at (512) 239-6925 and leave a detailed message. Your call will be returned within 24 hours. Thank you for reporting electronically.

Sincerely,

Data Analysis and Management Team
Waste Evaluation Section, MC 129
Registration and Evaluation Division

Enclosure

*** TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ***
Notice of Registration
Industrial and Hazardous Waste

egistration does not constitute authorization of any waste management activities or facilites listed below. The registration reflects hazardous and/or industrial waste generation and management activities for which the registrant has provided notification. Requirements for solid waste management are provided by Texas Administrative code section 335 of the rules of the Texas Commission on Environmental Quality (TCEQ). Changes or additions to waste management methods referred to in this notice require written notification to the TCEQ.

Solid Waste Registration Number: 30900 EPA Id: TXD008950461

The Solid Waste Registration Number provides access to computerized and filed information pertaining to your operation. Please refer to that number in any correspondence.

Company Name: CES Environmental Services Inc
Site Name: CES Environmental Services
Site Location: 4904 Griggs Rd, Houston, TX
Primary Contact: Thangudu, Prabhakar
Mailing Address: 4904 Griggs Rd
Houston, TX 77021-3208

Region: 12
County: 101 Harris
Land Type: Private
Title: Vice President
Site Street Address: 4904 Griggs Rd
Houston, TX 77221-3298

Initial Registration Date: 02/18/1977
Last Amendment Date: 01/06/2009
Last Date NOR Computer update: 01/07/2009
Phone: 713-676-1460
Reporting Method: STEERS

Registration Status: Active HW Permit #: 39048 IW Permit #: 39048
Registration Type: Generator Receiver Transporter Transfer Facility
Generator Type: Industrial
Receiver Type: Commercial
Transporter Type: For hire Transport own waste
Transport Wst Class: 1 2 H Used Oil

Hazardous Waste Generation Status: Large Quantity Generator

Business Description: Operation of a nonhazardous industrial solid waste processing and storage facility.

NAICS Code: 562219 Other Nonhazardous Waste Treatment and Disposal
Handler Status: Recycler

Operator Information
Name: CES Environmental Services Inc
Phone: 713-676-1460
Address: 4904 Griggs Rd
Houston, TX, 77021-3208

Owner Information
Name: CES Environmental Services Inc
Phone: 713-676-1460
Address: 4904 Griggs Rd
Houston, TX, 77021-3208

Billing Contact:
Billing Address: ATTN: Accounts Payable
4904 Griggs
Houston, TX 77021-3208

Title: Phone:

Other Contact: GUIDRY, KARL
Mailing Address: 4904 Griggs Rd
Houston, TX 77021

Role: Owner's Representative Phone:

Other Contact: Thangudu, Prabhakar
Mailing Address: 4904 Griggs Rd
Houston, TX 77021

Role: STEERS Contact Phone: 713-676-1460

As of 01/06/2009 - the next unassigned sequence number for WASTES is 9031 and
the next unassigned sequence number for UNITS is 130.

Section 335, Chapter 31 of the Texas Adminstrative Code specifies the notification, record keeping, manifesting and reporting requirements for hazardous and industrial solid wastes.

30900 CES Environmental Services Inc

**** WASTE INFORMATION ****

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete
****** Active Wastes ******						
90011191 1		Active	06/18/02	On/Off		No

Description from Generator: Non RCRA regulated rinse water. Generating process: Rinsing w/ pressure washer of RCRA Empty containers. Date of generation 6-30-2002
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank 101 102 126 127 128 129
Contain Store Area 107
WWTP 109
* Origin Codes: 1 Onsite-process/service

90025191 1		Active	06/18/02	On/Off	No	No

Description from Generator: Non RCRA regulated waste sludge. Generating process: Removal of non haz from tanks and totes before destruction. Date of generation: 7-1-2002
Texas Form Code: 519 Other inorganic sludges
Current Management Units: Tank 129
Misc Store Container 103
* Origin Codes: 3 From non-haz waste mgmt

90049992 2		Active	06/18/02	On	No	Yes

Description from Generator: Plant trash generated from on-site activities. Date of generation: 7-1-02.
Texas Form Code: 999 Plant Refuse
Current Management Units: Misc Store Container 104
* Origin Codes: 1 Onsite-process/service

9005609H H		Active	06/18/02	On/Off	No	No

Description from Generator: Flammable sludge. Generating process: removal of unused products from tank/tote management services. Date of generation: 7-1-02.
Texas Form Code: 609 Other organic sludges
EPA Form Code: W609 Other organic sludge
EPA Hazardous Waste Numbers: D001 D002 D018 F005
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G09 Other production or service-related processes
* NAICS Code: 236220 Commercial and Institutional Building Construction

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

****** Active Wastes ******

9010609H H Active 06/18/02 On No No
Description from Generator: Flammable/corrosive sludge. Generating process: Removal of unused product from tank/tote management services. Date of generation: 7-1-02.
Texas Form Code: 609 Other organic sludges
EPA Form Code: W609 Other organic sludge
EPA Hazardous Waste Numbers: D001 D002
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G09 Other production or service-related processes
* NAICS Code: 236220 Commercial and Institutional Building Construction

9011110H H Active 06/18/02 On No No
Description from Generator: Corrosive sludge alkaline. Generating process: Removal of unused products from tank/tote management services. Date of generation: 7-1-02.
Texas Form Code: 110 Caustic aqueous waste
EPA Form Code: W110 Caustic aqueous waste without cyanides
EPA Hazardous Waste Numbers: D002
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G09 Other production or service-related processes
* NAICS Code: 236220 Commercial and Institutional Building Construction

9012105H H Active 06/18/02 On No No
Description from Generator: Corrosive Sludge acidic. Generating process: Removal of unused products from tank /tote management services. 7-1-2002
Texas Form Code: 105 Acidic aqueous waste
EPA Form Code: W105 Acidic aqueous wastes less than 5% acid
EPA Hazardous Waste Numbers: D002
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G09 Other production or service-related processes
* NAICS Code: 236220 Commercial and Institutional Building Construction

9013409H H Active 04/29/03 On No No
Description from Generator: Hazardous Waste Solids from the cleaning of totes, tanks, Roll-off boxes, Vacuum Boxes, and tanker trucks.
Texas Form Code: 409 Other non-halogenated organic solids
EPA Form Code: W409 Other organic solids
EPA Hazardous Waste Numbers: D004 D005 D006 D007 D008 D009 D010 D011 D012 D013 D014 D015 D016 D017 D018 D021 D023 D024 D025 D026 D030 D035 D036 D038 D043 U037
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G13 Cleaining out process equipment
* Measurement Points: 1 Before mixing
* NAICS Code: 236220 Commercial and Institutional Building Construction
Company's Internal Code(s): HAZ WASTE SOLIDS

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete
****** Active Wastes ******						
9014206H	H	Active	06/18/03	On	No	No

Description from Generator: Halogenated Hydrocarbon and water mixture
Texas Form Code: 206 Waste oil
EPA Form Code: W206 Waste oil
EPA Hazardous Waste Numbers: D020 D021 D022 D027 D028 D029 D031 D032 D033 D034 D037 D039 D040 D041 D042 F001 F002 F003 F004 F005
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G19 Other one-time intermittent processes
* Measurement Points: 1 Before mixing
* NAICS Code: 236220 Commercial and Institutional Building Construction
Company's Internal Code(s): HAL HYDROCARB H20

9015519H H Active 07/20/04 On/Off No No
Description from Generator: Generated from rinsing and removing residues from tank trailers, totes and vacuum boxes
Texas Form Code: 519 Other inorganic sludges
EPA Form Code: W519 Other inorganic sludges
EPA Hazardous Waste Numbers: D004 D005 D006 D007 D008 D009 D010
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G09 Other production or service-related processes
* Measurement Points: 1 Before mixing
* NAICS Code: 236220 Commercial and Institutional Building Construction
Company's Internal Code(s): METAL SLUDGES

90161192 2 Active 07/20/04 On No No
Description from Generator: Rinse water from tank cleaning process discharged to local POTW
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank 126 127 128 129
Contain Store Area 107
WWTP 109
* Origin Codes: 1 Onsite-process/service
Company's Internal Code(s): POTW DISCHARGE WATER

90171142 2 Active 05/11/05 On No No
Description from Generator: Treated Class 2 Wastewater discharged to a POTW from wastewater treatment facility used to treat industrial wastewater.
Texas Form Code: 114 Other aqueous waste with low dissolved solids
Current Management Units: Tank 111 112 113 114 115 119 120 121 122 126 127 128
* Origin Codes: 1 Onsite-process/service
Company's Internal Code(s): WATER TO POTW

90185191 1 Active 05/11/05 On No No
Description from Generator: Inorganic sludge generated from treatment of water with dissolved metals, or acid/base solutions.
Texas Form Code: 519 Other inorganic sludges
Current Management Units: Tank 119 120 121 122
* Origin Codes: 1 Onsite-process/service
Company's Internal Code(s): INORGANIC SLUDGE

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

****** Active Wastes ******

9019519H H Active 05/11/05 On No No

Description from Generator: Precipitated hazardous sludge from the treatment of water with dissolved metals, and acid/base solutions.
Texas Form Code: 519 Other inorganic sludges
EPA Form Code: W105 Acidic aqueous wastes less than 5% acid
EPA Hazardous Waste Numbers: D004 D005 D006 D007 D008 D009 D011
Current Management Units: Tank 119 120 121 122
* Origin Codes: 5 Onsite haz waste mgmt
* System Types: 077 Other chemical precipitation with or without pre-t 123 Settling or clarification
135 Discharge to sewer/POTW or NPDES (with prior stora
* Source Codes: G23 Wastewater treatment (sludge, filter cake, etc.)
* Measurement Points: 2 After mix (haz. only)
* NAICS Code: 562211 Hazardous Waste Treatment and Disposal
Company's Internal Code(s): INORGANIC SLUDGE HAZ

90206091 1 Active 08/19/05 On No No

Description from Generator: Generated from the consolidation of various non-hazardous, Class-1 sludges per permit ISWP No. 39048.
Texas Form Code: 609 Other organic sludges
Current Management Units: Tank 108 126 127 128
Contain Store Area 106 107
* Origin Codes: 4 Received from offsite
Company's Internal Code(s): NON-HAZARDOUS SLUDGE

90216092 2 Active 08/19/05 On No No

Description from Generator: Generated from the consolidation of various non-hazardous, class-2 sludges per permit No. 39048.
Texas Form Code: 609 Other organic sludges
Current Management Units: Tank 108 126 127 128
Contain Store Area 106 107
* Origin Codes: 4 Received from offsite
Company's Internal Code(s): NON-HAZ CLASS2 SLUDG

90224091 1 Active 08/19/05 On No No

Description from Generator: Generated from the consolidation of various non-hazardous, class-1 solids per permit No. 39048. Per a notification dated September 27, 2005, this waste is recycled by being used as road base material.
Texas Form Code: 409 Other non-halogenated organic solids
Current Management Units: Tank 108
Contain Store Area 106 107
* Origin Codes: 4 Received from offsite
Company's Internal Code(s): CLASS 1 NON-HAZ SOLI

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

****** Active Wastes ******

90234092 2 Active 08/23/05 On No No

Description from Generator: Generated from the consolidation of various non-hazardous, Class II solids per Permit No. 39048.
Texas Form Code: 409 Other non-halogenated organic solids
Current Management Units: Tank 108
Contain Store Area 106 107
* Origin Codes: 4 Received from offsite
Company's Internal Code(s): CLASS II SOLIDS

90241191 1 Active 09/27/05 On No No

Description from Generator: Water-soluble liquids and oily waters with low solids. Generating Process: Non-hazardous waste in drums, roll-off boxes, or other containers.
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank 108 110 111 112 113 114 115 126 127 128
Contain Store Area 106 107
* Origin Codes: 3 From non-haz waste mgmt
Company's Internal Code(s): INORGANIC LIQUIDS

9025403H H Active 11/14/05 On/Off No No

Description from Generator: Removal of heels from trailers/containers.
Texas Form Code: 403 Solid resins or polymerized organics
EPA Form Code: W403 Solid resins, plastics or polymerized organics
EPA Hazardous Waste Numbers: D003 U223
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G14 Removal of tank sludge, sediments or slag
* Measurement Points: 1 Before mixing
* NAICS Code: 236220 Commercial and Institutional Building Construction
Company's Internal Code(s): WASTE TDI

90261191 1 Active 01/04/06 On No No

Description from Generator: Water-soluble liquids and oily waters with low solids and includes alcohols at a maximum of 23% by volume. Generating Process: Non-hazardous waste in drums, roll-off boxes, or other containers.
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank 108 110 111 112 113 114 115 126 127 128
Contain Store Area 106 107
* Origin Codes: 3 From non-haz waste mgmt
Company's Internal Code(s): INORGANIC LIQUIDS

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

****** Active Wastes ******

9027207H H Active 02/25/08 Off No No
Description from Generator: Concentrate from R/O unit generated from wastewater treatment facility used to treat industrial wastewater and recyclable oily/gassy water.
Texas Form Code: 207 Concentrated aqueous solution of other organics
EPA Form Code: W205 Oil-water emulsion or mixture
EPA Hazardous Waste Numbers: D001 D018
Current Management Units: None
* Origin Codes: 3 From non-haz waste mgmt
* Source Codes: G09 Other production or service-related processes
* Measurement Points: 3 After mix (non-haz)
* NAICS Code: 562219 Other Nonhazardous Waste Treatment and Disposal
Company's Internal Code(s): R O CONCENTRATE

90286031 1 Active 11/12/07 On No No
Description from Generator: Centrifuge sludge
Texas Form Code: 603 Oily sludge
Current Management Units: Misc Store Container 103
* Origin Codes: 1 Onsite-process/service
Company's Internal Code(s): CENTRIFUGE SLUDGE

9029319H H Active 01/02/08 On No No
Description from Generator: Removal of sludge/solids from pressing caustic
Texas Form Code: 319 Other waste inorganic solids
EPA Form Code: W519 Other inorganic sludges
EPA Hazardous Waste Numbers: D018
Current Management Units: Contain Store Area 105
* Origin Codes: 1 Onsite-process/service
* Source Codes: G07 Product and by-product processing
* Measurement Points: 1 Before mixing
* NAICS Code: 562219 Other Nonhazardous Waste Treatment and Disposal
Company's Internal Code(s): HAZ-WASTE SOLIDS

9030601H H Active 04/09/08 Off No No
Description from Generator: Still bottoms
Texas Form Code: 601 Still bottoms of halogentd solvnts/organic liquids
EPA Form Code: W319 Other inorganic solids
EPA Hazardous Waste Numbers: D001 F002 F003
Current Management Units: None
* Origin Codes: 5 Onsite haz waste mgmt
* System Types: 020 Solvents recovery
* Source Codes: G07 Product and by-product processing
* Measurement Points: 1 Before mixing
* NAICS Code: 562219 Other Nonhazardous Waste Treatment and Disposal
Company's Internal Code(s): STILL BOTTOMS

* The first value is considered the primary value (e.g. primary origin code).
As of 01/06/2009, the next unassigned sequence number for WASTES is 9031.

Refer to 40 CFR Part 261 for Descriptions of EPA Hazardous Waste Numbers.

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

** No Longer Generated Wastes **

00022061 1 Inactive 10/18/96 NA No No
Description from Generator: Waste oil currently generated through general vehicle maintenance operations.
Refers to waste code (6): 210450
Texas Form Code: 206 Waste oil
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

0004102H H Inactive 07/17/02 NA No No
Description from Generator: Mixed organics (<4%), inorganic caustic (<1%) & water (>95%). Currently generated through cleaning "RCRA empty" containers (tank trucks).
Refers to waste code (6): 908920
Texas Form Code: 102 Aqueous waste with low other toxic organics
EPA Form Code: W101 Very dilute aqueous waste containg more than 99% w
EPA Hazardous Waste Numbers: D002
Current Management Units: Misc Store Container 002
* Origin Codes: 1 Onsite-process/service
* Source Codes: G01 Dip, flush or spray rinsing
* Measurement Points: 1 Before mixing
* NAICS Code: 488490 Other Support Activities for Road Transportation

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00073101 1 Inactive 07/17/02 NA No No
Description from Generator: Used oil filters currently generated through general vehicle maintenance operations. This waste is recycled by being sent to a recycling facility in Mexia, Texas.
Texas Form Code: 310 Spent solid filters or adsorbents (inorganic)
Current Management Units: Misc Store Container 009
* Origin Codes: 1 Onsite-process/service

00089012 2 Inactive 10/18/96 NA No Yes
Description from Generator: Plant production refuse currently generated during normal facility & office operations.
Texas Form Code: 901 Plant production refuse
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

00091191 1 Inactive 07/17/02 NA No No
Description from Generator: Mixed organics (<1%), inorganic caustic (<1%) & water (>98%). "Final internal & external rinsewaters" are currently generated through cleaning "RCRA empty" containers (tank trucks).
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank (Surface) 007
* Origin Codes: 1 Onsite-process/service

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete

** No Longer Generated Wastes **

00103191 1 Inactive 10/18/96 NA No No

Description from Generator: Generated through a routine cleaning of a tank washing process vat as a result of cleaning "RCRA empty" containers (tank trucks).
Texas Form Code: 319 Other waste inorganic solids
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

00114891 1 Inactive 10/18/96 NA No No

Description from Generator: Petroleum (oils & greases) contaminated rags currently generated during general vehicle maintenance operations.
Texas Form Code: 489 Petroleum contaminated solids
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

00124891 1 Inactive 10/18/96 NA No No

Description from Generator: "Petroleum contaminated solids" absorbents (>99%) & miscellaneous organic chemicals (<1%). This waste stream is currently generated during general "housekeeping" maintenance operations.
Texas Form Code: 489 Petroleum contaminated solids
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

00135191 1 Inactive 07/17/02 NA No No

Description from Generator: Oil/water separator solids currently generated during internal & external washing of "RCRA empty" containers (tank truck).
Texas Form Code: 519 Other inorganic sludges
Current Management Units: Sump 006
* Origin Codes: 1 Onsite-process/service

00141192 2 Inactive 07/17/02 NA No Yes

Description from Generator: Pretreated effluent discharged to the City of Houston's wastewater treatment system. Effluent meets the criteria of a class 2 waste under Subchapter R requirements & this waste code is being added as a companion to waste code 00091191, final internal & external rinsewaters, to avoid confusion on the exempt status of the annual generator fee for waste code 00091191
Texas Form Code: 119 Other inorganic liquids
Current Management Units: Tank (Surface) 007
* Origin Codes: 1 Onsite-process/service

00152191 1 Inactive 06/18/02 NA No No

Description from Generator: This is a first flush from internal tank washes. This stream goes to on site storage for transport to off site treatment.
Texas Form Code: 219 Other organic liquids
Current Management Units: Sump 006
Tank (Surface) 007
Misc Store Container 002
* Origin Codes: 3 From non-haz waste mgmt

30900 CES Environmental Services Inc

Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete
** No Longer Generated Wastes **						
0016219H	H	Inactive	06/18/02	NA	No	No

Description from Generator: This material is flammable "heel" drummed from transport trailers before first flush.
Texas Form Code: 219 Other organic liquids
EPA Form Code: W219 Other organic liquid
EPA Hazardous Waste Numbers: U002 U031 U118 U154 U162 U165 U220 U239 U359
Current Management Units: Contain Store Area 003
* Origin Codes: 5 Onsite haz waste mgmt
* Source Codes: G09 Other production or service-related processes
* Measurement Points: 1 Before mixing
* NAICS Code: 811211 Consumer Electronics Repair and Maintenance

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00199022 2 Inactive 07/17/02 NA No No
Description from Generator: Supplemental plant production refuse and cleaned cut up hoses.
Texas Form Code: 902 Supplemental plant production refuse
Current Management Units: Misc Store Container 005
* Origin Codes: 1 Onsite-process/service

00202191 1 Inactive 07/17/02 NA No No
Description from Generator: Lube oils and additives
Texas Form Code: 219 Other organic liquids
Current Management Units: Contain Store Area 003
* Origin Codes: 1 Onsite-process/service

00212191 1 Inactive 07/17/02 NA No No
Description from Generator: Used engine oil generated from maintenance operations.
Texas Form Code: 219 Other organic liquids
Current Management Units: Tank (Surface) 008
* Origin Codes: 1 Onsite-process/service

00222031 1 Inactive 07/17/02 NA No No
Description from Generator: Spent diesel fuel contaminated with lub oil and petroleum distillates.
Texas Form Code: 203 Non-halogenated solvent
Current Management Units: Tank (Surface) 004
* Origin Codes: 1 Onsite-process/service

00234891 1 Inactive 07/17/02 NA No No
Description from Generator: Rags contaminated with petroleum products
Texas Form Code: 489 Petroleum contaminated solids
Current Management Units: Misc Store Container 009
* Origin Codes: 1 Onsite-process/service

00244891 1 Inactive 07/17/02 NA No No
Description from Generator: Petroleum Wax
Texas Form Code: 489 Petroleum contaminated solids
Current Management Units: Contain Store Area 003
* Origin Codes: 1 Onsite-process/service

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Texas Waste Code	Waste Class	Status	Date of Status	Managed Onsite/ Offsite	Radio-active	TCEQ Audit Complete
** No Longer Generated Wastes **						
00251021 1		Inactive	07/17/02	NA	No	No

Description from Generator: Aqueous waste with low other toxic organ
Texas Form Code: 102 Aqueous waste with low other toxic organics
Current Management Units: Misc Store Container 002
* Origin Codes: 1 Onsite-process/service

90032191 1		Inactive	07/01/02	NA	No	No

Description from Generator: This is a first flush from internal tank washes. Date of generation: 7-1-02.
Texas Form Code: 219 Other organic liquids
Current Management Units: None
* Origin Codes: 1 Onsite-process/service

30900 CES Environmental Services Inc

**** UNITS AT THIS SITE MANAGING WASTE ****

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date
** 'Active', 'Closure Pending' & 'Closure Request' Units **								
002	Misc Store Container	Closure Request	01/08/07	1 H/ NA	NA	NA		NA /
003	Contain Store Area	Closure Request	08/24/06	1 H/ NA	NA	NA	RCRA Pmt Exempt - Accumulation Time	NA /
004	Tank (Surface)	Closure Request	08/24/06	1/ NA	NA	NA	Non-Hazardous Regulated	NA /
005	Misc Store Container	Closure Request	08/24/06	2/ NA	NA	NA	Non-Hazardous Regulated	NA /
006	Sump	Closure Request	08/24/06	1/ NA	NA	NA	Non-Hazardous Regulated	NA /
007	Tank (Surface)	Closure Request	08/24/06	1 2/ NA	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /
008	Tank (Surface)	Closure Request	08/24/06	1/ NA	NA	NA	Non-Hazardous Regulated	NA /

002
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Previously Managed in Unit: 109270 9014206H 909270

003
Description from Company: This facility's "old wash rack" has been designated a waste management unit for miscellaneous 55 gallon drums. This area is covered & inspected weekly for possible hazards.
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Previously Managed in Unit: 00073101 00103191 00114891 00124891 00222031

004
Description from Company: Steel tank
Capacity: 500.0000 Capacity Unit of Measure: G
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Previously Managed in Unit: 00022061 00202191

005
Description from Company: 7-15 cubic yard dumpster
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Previously Managed in Unit: 00089012 00135191

006
Description from Company: Subsurface sumps or oil/water separator basins unit.
System Types: 124 Phase separation
Biennial System Regulatory Status: Regulatory status unknown

007
Description from Company: ph adjustment unit
System Types: 121 Neutralization only
Biennial System Regulatory Status: Regulatory status unknown

008
Description from Company: 2 - 50 gallon surface tanks
System Types: 061 Fuel blending prior to energy recovery at another
Biennial System Regulatory Status: All units exempt from EPA and TX permits

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Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date

** 'Active', 'Closure Pending' & 'Closure Request' Units **

009	Misc Store Container	Closure Request	08/24/06	1/ NA	NA	NA	RCRA Pmt Exempt - Accumulation Time	NA /

Description from Company: Container Storage Area
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: All units exempt from EPA and TX permits

101	Tank	Active	06/18/02	1/ NA	NA	NA	RCRA Pmt Exempt - Accumulation Time	NA /

Description from Company: Vacuum box located in tank wash for the first flush. The first flush is ei ther vacuumed or collected in a container and transferred to thish first fl ush tank.
Capacity: 1000.0000 Capacity Unit of Measure: G
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Currently Managed in Unit: 90011191 Non RCRA r
Wastes Previously Managed in Unit: 90032191

102	Tank	Closure Request	01/08/07	1/ NA	NA	NA	RCRA Pmt Exempt - Accumulation Time	NA /

Description from Company: Non Hazardous wastewater tank
Capacity: 4000.0000 Capacity Unit of Measure: G
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown

103	Misc Store Container	Active	06/18/02	1/ NA	NA	NA	RCRA Pmt Exempt - Accumulation Time	NA /

Description from Company: Non Hazrdous sludge box.
Capacity: 25.0000 Capacity Unit of Measure: Y
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Currently Managed in Unit: 90025191 Non RCRA r 90286031 Centrifuge

104	Misc Store Container	Active	06/18/02	2/ NA	NA	NA	RCRA Pmt Exempt - Accumulation Time	NA /

Description from Company: 40 cubic yard open top box for plant trash.
Capacity: 40.0000 Capacity Unit of Measure: Y
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Currently Managed in Unit: 90049992 Plant tras

105	Contain Store Area	Active	06/18/02	H/ NA	NA	NA	RCRA Pmt Exempt - Accumulation Time	NA /

Description from Company: Hazardous waste container storage area
System Types: 141 Storage, bulking, and/or transfer off-site - no tr
Biennial System Regulatory Status: Regulatory status unknown
Wastes Currently Managed in Unit: 9005609H Flammable 9010609H Flammable/ 9011110H Corrosive 9012105H Corrosive 9013409H Hazardous
9014206H Halogenate 9015519H Generated 9025403H Removal of 9029319H Removal of

106	Contain Store Area	Active	06/18/03	1 2/1 2	NA	001	Permitted Nonhazardous Industrial Unit	NA /

30900 CES Environmental Services Inc

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date

** 'Active', 'Closure Pending' & 'Closure Request' Units **

Description from Company: This is Permit Unit No. 1 under Industrial Solid Waste Permit No. 39048 whi ch is a Container Storage Area for storage and processing of nonhazardous w aste in drums or other containers.

Capacity: 27500.0000 Capacity Unit of Measure: G

System Types: 141 Storage, bulking, and/or transfer off-site - no tr

Wastes Currently Managed in Unit: 90206091 Generated 90216092 Generated 90224091 Generated 90234092 Generated 90241191 Water-solu 90261191 Water-solu

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107 Contain Store Area Active 06/29/04 1 2/1 2 NA 002 Permitted Nonhazardous Industrial Unit NA /

Description from Company: This is Permit Unit No. 2 under Industrial Solid Waste Permit No. 39048 whi ch is a Container Storage Area for storage and processing of nonhazardous w aste in roll-off boxes or other containers.

Capacity: 100.0000 Capacity Unit of Measure: Y

System Types: 141 Storage, bulking, and/or transfer off-site - no tr

Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate 90206091 Generated 90216092 Generated 90224091 Generated 90234092 Generated 90241191 Water-solu 90261191 Water-solu

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108 Tank Active 05/10/05 1 2/1 2 NA 003 Permitted Nonhazardous Industrial Unit NA /

Description from Company: Tank is permitted nonhazardous unit under ISWP No. 39048.

Capacity: 6500.0000 Capacity Unit of Measure: G

System Types: 123 Settling or clarification 124 Phase separation
129 Other treatment

Wastes Currently Managed in Unit: 90206091 Generated 90216092 Generated 90224091 Generated 90234092 Generated 90241191 Water-solu 90261191 Water-solu

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109 WWTP Active 05/10/05 1 2/ NA NA NA RCRA Pmt Exempt-W.W.T. NA /

Description from Company: Wastewater treatment system consisting of flow equalization, free oil removal, p recipitation, and pH adjustment for tank truck cleaning operation which dis charges to a POTW.

System Types: 121 Neutralization only 123 Settling or clarification
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate

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110 Tank Active 05/10/05 1/1 2 H NA NA RCRA Pmt Exempt-W.W.T. NA /

Description from Company: Tank T1 is used for oil recovery, phase separation, and neutralization. The tan k is part of an industrial wastewater treatment plant with discharge water flowing to a POTW.

System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90241191 Water-solu 90261191 Water-solu

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111 Tank Active 05/10/05 1 2/1 2 H NA NA RCRA Pmt Exempt-W.W.T. NA /

Description from Company: Tank T2 is ued for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water fl owing to a POTW.

System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

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Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date
** 'Active', 'Closure Pending' & 'Closure Request' Units **								
112	Tank	Active	05/10/05	1 2/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T3 is used for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water fl owing to a POTW.

System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

113	Tank	Active	05/10/05	1 2/2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T4 is used for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water f lowing to a POTW.

System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

114	Tank	Active	05/10/05	1 2/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T5 is used for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water f lowing to a POTW.

System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

115	Tank	Active	05/10/05	1 2/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T6 is used for oil recovery, phase separation, and clarification. The tank is part of an industrial wastewater treatment plant with discharge water f lowing to a POTW.

System Types: 039 Other recovery or reclamation for reuse including 124 Phase separation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90241191 Water-solu 90261191 Water-solu

116	Tank	Active	05/10/05	/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T7 is used for oxidation, biotreatment, and separation of organics from wat er. The tank is part of an indusrtial wastewater treatment facility with d ischarge water flowing to a POTW.

System Types: 075 Chemical oxidation 081 Biological treatment with or without precipitation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit:

117	Tank	Active	05/10/05	/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T8 is used for oxidation, biotreatment, and separation of organics from wat er. The tank is part of an industrial wastewater treatment facility with d ischarge water flowing to a POTW.

System Types: 075 Chemical oxidation 081 Biological treatment with or without precipitation
135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit:

30900 CES Environmental Services Inc

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date
** 'Active', 'Closure Pending' & 'Closure Request' Units **								
118	Tank	Active	05/10/05	/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T9 is used for oxidation, biotreatment, and separation of organics from water. The tank is part of an industrial wastewater treatment facility with discharge water flowing to a POTW.

System Types: 075 Chemical oxidation; 081 Biological treatment with or without precipitation; 135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit:

119	Tank	Active	05/11/05	1 2 H/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T10 is used for precipitation of dissolved metals, neutralization of acids/bases, and settling of suspended solids from water. The tank is part of an industrial wastewater treatment facility with discharge water flowing to a POTW.

System Types: 077 Other chemical precipitation with or without pre-t; 123 Settling or clarification; 135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90185191 Inorganic 9019519H Precipitat

120	Tank	Active	05/11/05	1 2 H/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T11 is used for precipitation of dissolved metals, neutralization of acids/bases, settling of suspended solids from water. The tank is part of an industrial wastewater treatment facility with discharge water flowing to a POT W.

System Types: 077 Other chemical precipitation with or without pre-t; 123 Settling or clarification; 135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90185191 Inorganic 9019519H Precipitat

121	Tank	Active	05/11/05	1 2 H/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: Tank T12 is used for precipitation of dissolved metals, neutralization of acids/bases, settling of suspended solids from water. The tank is part of an industrial wastewater treatment facility with discharge water flowing to a POT W.

System Types: 077 Other chemical precipitation with or without pre-t; 123 Settling or clarification; 135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90185191 Inorganic 9019519H Precipitat

122	Tank	Active	05/12/05	1 2 H/1 2 H	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

Description from Company: The water solids separator is used for phase separation, clarification, and solids settling. The unit is part of an industrial wastewater treatment facility with discharge water flowing to a POTW. The unit is identified as WSS1.

System Types: 123 Settling or clarification; 124 Phase separation; 135 Discharge to sewer/POTW or NPDES (with prior stora

Wastes Currently Managed in Unit: 90171142 Treated Cl 90185191 Inorganic 9019519H Precipitat

126	Tank	Active	12/13/07	1 2/ NA	NA	NA	RCRA Pmt Exempt-W.W.T.	NA /

30900 CES Environmental Services Inc

Unit Number	Unit Type	Unit Status	Date of Status	Classes of Waste Managed in Unit Onsite / Offsite	Unit Permit Number	Unit # on Permit	Regulatory Status	Deed Recording Needed/Date

** 'Active', 'Closure Pending' & 'Closure Request' Units **

Description from Company: Clarification and settling tank
System Types: 123 Settling or clarification 124 Phase separation
129 Other treatment
Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate 90171142 Treated Cl 90206091 Generated 90216092 Generated
90241191 Water-solu 90261191 Water-solu

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127 Tank Active 12/13/07 1 2/ NA NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Clarification and settling tank
System Types: 123 Settling or clarification 124 Phase separation
129 Other treatment
Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate 90171142 Treated Cl 90206091 Generated 90216092 Generated
90241191 Water-solu 90261191 Water-solu

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128 Tank Active 12/13/07 1 2/ NA NA NA RCRA Pmt Exempt-W.W.T. NA /
Description from Company: Clarification and settling tank
System Types: 123 Settling or clarification 124 Phase separation
129 Other treatment
Wastes Currently Managed in Unit: 90011191 Non RCRA r 90161192 Rinse wate 90171142 Treated Cl 90206091 Generated 90216092 Generated
90241191 Water-solu 90261191 Water-solu

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129 Tank Active 12/13/07 1 2/ NA NA NA RCRA Pmt Exempt-Accumulation Time NA /
Description from Company: Wastewater tank
System Types: 135 Discharge to sewer/POTW or NPDES (with prior stora
Wastes Currently Managed in Unit: 90011191 Non RCRA r 90025191 Non RCRA r 90161192 Rinse wate

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As of 01/06/2009, the next unassigned sequence number for UNITS is 130.

** 'Inactive', 'Closed', 'Post Closure Care', 'Never Built' & 'Not required' Units **

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001 Sump Inactive 01/22/91 / NA NA NA Yes/
System Types:
Biennial System Regulatory Status: Regulatory status unknown
Wastes Previously Managed in Unit: 340770 9014206H

Index to NOR for Solid Waste Registration Number 30900 CES Environmental Services Inc
for wastes and units

Wastes

Waste Code	Waste Description	NOR Page	Old Texas Waste Code
** Active Wastes **			
90011191	Non RCRA regulated rinse water. Generating proces	2	
90025191	Non RCRA regulated waste sludge. Generating proce	2	
90049992	Plant trash generated from on-site activities. Da	2	
9005609H	Flammable sludge. Generating process: removal of	2	
9010609H	Flammable/corrosive sludge. Generating process:	3	
9011110H	Corrosive sludge alkaline. Generating process: R	3	
9012105H	Corrosive Sludge acidic. Generating process: Rem	3	
9013409H	Hazardous Waste Solids from the cleaning of totes,	3	
9014206H	Halogenated Hydrocarbon and water mixture	4	
9015519H	Generated from rinsing and removing residues from	4	
90161192	Rinse water from tank cleaning process discharged	4	
90171142	Treated Class 2 Wastewater discharged to a POTW fr	4	
90185191	Inorganic sludge generated from treatment of water	4	
9019519H	Precipitated hazardous sludge from the treatment o	5	
90206091	Generated from the consolidation of various non-ha	5	
90216092	Generated from the consolidation of various non-ha	5	
90224091	Generated from the consolidation of various non-ha	5	
90234092	Generated from the consolidation of various non-ha	6	
90241191	Water-soluble liquids and oily waters with low sol	6	
9025403H	Removal of heels from trailers/containers.	6	
90261191	Water-soluble liquids and oily waters with low sol	6	
9027207H	Concentrate from R/O unit generated from wastewate	7	
90286031	Centrifuge sludge	7	
9029319H	Removal of sludge/solids from pressing caustic	7	
9030601H	Still bottoms	7	
** Inactive Wastes **			
00022061	Waste oil currently generated through general vehi	8	210450
0004102H	Mixed organics (<4%), inorganic caustic (<1%) & wa	8	908920
00073101	Used oil filters currently generated through gener	8	
00089012	Plant production refuse currently generated during	8	
00091191	Mixed organics (<1%), inorganic caustic (<1%) & wa	8	
00103191	Generated through a routine cleaning of a tank was	9	
00114891	Petroleum (oils & greases) contaminated rags curre	9	
00124891	"Petroleum contaminated solids" absorbents (>99%)	9	
00135191	Oil/water separator solids currently generated dur	9	
00141192	Pretreated effluent discharged to the City of Hous	9	
00152191	This is a first flush from internal tank washes.	9	
0016219H	This material is flammable "heel" drummed from tra	10	
00199022	Supplemental plant production refuse and cleaned c	10	
00202191	Lube oils and additives	10	
00212191	Used engine oil generated from maintenance operati	10	
00222031	Spent diesel fuel contaminated with lub oil and pe	10	
00234891	Rags contaminated with petroleum products	10	
00244891	Petroleum Wax	10	
00251021	Aqueous waste with low other toxic organ	11	
90032191	This is a first flush from internal tank washes.	11	
		0	
		0	
		0	
		0	

Index to NOR for Solid Waste Registration Number 30900 CES Environmental Services Inc
for wastes and units

Wastes

Waste Code	Waste Description	NOR Page	Old Texas Waste Code
		0	

Units

Unit Sequence Number	Unit Description	NOR Page
** Active, Closure Pending and Closure Request Units **		
002		12
003	This facility's "old wash rack" has been designate	12
004	Steel tank	12
005	7-15 cubic yard dumpster	12
006	Subsurface sumps or oil/water separator basins uni	12
007	ph adjustment unit	12
008	2 - 50 gallon surface tanks	12
009	Container Storage Area	13
101	Vacuum box located in tank wash for the first flus	13
102	Non Hazardous wastewater tank	13
103	Non Hazrdous sludge box.	13
104	40 cubic yard open top box for plant trash.	13
105	Hazardous waste container storage area	13
106	This is Permit Unit No. 1 under Industrial Solid W	13
107	This is Permit Unit No. 2 under Industrial Solid W	14
108	Tank is permitted nonhazardous unit under ISWP No.	14
109	Wastewater treatment system consisting of flow equ	14
110	Tank T1 is used for oil recovery, phase separation	14
111	Tank T2 is ued for oil recovery, phase separation,	14
112	Tank T3 is used for oil recovery, phase separation	15
113	Tank T4 is used for oil recovery, phase separation	15
114	Tank T5 is used for oil recovery, phase separation	15
115	Tank T6 is used for oil recovery, phase separation	15
116	Tank T7 is used for oxidation, biotreatment, and s	15
117	Tank T8 is used for oxidation, biotreatment, and s	15
118	Tank T9 is used for oxidation, biotreatment, and s	16
119	Tank T10 is used for precipitation of dissolved me	16
120	Tank T11 is used for precipitation of dissolved me	16
121	Tank T12 is used for precipitation of dissolved me	16
122	The water solids separator is used for phase separ	16
126	Clarification and settling tank	16
127	Clarification and settling tank	17
128	Clarification and settling tank	17
129	Wastewater tank	17
** Inactive, Closed, Never Built and Not Required Units **		
001		17

*** TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ***
Industrial and Hazardous Waste
NOR2 Load Success Report

01/07/2009

Data Set: 010709

TCEQ-ID	File	Wst/Unit	New Data	Old Data	Type of Change
30900	N4	101	101		Unit Desc Replaced-Only Old Shown
30900		**********	End of Success **********		