RECORDS CLASSIFICATION FORM FOR REGION V
RCRA RECORDS

Today's Date: 7/15/2016

Site Name: Ortek, Inc.

ID Number: ILD 000 646 781

Date(s) of Documents: See below

Type(s) of Document: Inspection Report, Response to Request for Inspection Information

Quantity of Documents: No. of Box(es) _____ No. of Folder(s): 1

Sensitive: CBI Room _____ Enforcement Sensitive (Red Folder) _____

Documents can go to Federal Record Center: Yes ✓ No ____
(Documents from FRC can be recalled in 48-72 hours)

Submitted by: Brian Kennedy

Telephone Number: 3-4383

Comments:

Inspection Report - 2/3/2012
Response to Request - 11/12/2012

ORTEK INC.

Recycling for Tomorrow's Future

November 12, 2012

RECEIVED
DIVISION FRONT OFFICE
NOV 13 2012
LAND AND CHEMICALS DIVISION
U.S. EPA - REGION 5

Michael Beedle
U.S. EPA – Region 5
RCRA Branch -- Compliance Section
77 West Jackson Boulevard
Chicago, IL 60604-3590
(312) 353-7922

Re: Ortek Inc., Response to USEPA's Request for Information
EPA ID No,: ILD000646786

Dear Mr. Beedle:

Please find Ortek Incorporated (Ortek's) response to the USEPA's request for information letter submitted to Ortek and dated September 10, 2012. Ortek must admit that we find ourselves in a precarious position in some of your requests, and venture to speculate that we may not have answered the following EPA questions to the extent and along the direction that the EPA would have desired. That being stated, Ortek is requesting a meeting with the USEPA to further discuss and have an eye-to-eye meeting concerning these matters. In your letter of September 10 thereexist 24 numbered requests for information. Ortek's corresponding answers and/or submission to each request follows the USEPA's numbering sequence and are as follows:

REQUESTS: (RESPONSE TO REQUESTS):

1) Lowell Aughenbaugh has prepared the answers for this request. Lowell is the President of Ortek, and was initially hired at the site in 1993 by Enviropur, Inc., a predecessor to Ortek.

Management of Incoming Oils and Waters

2) Approximately 95% of all incoming used oils, oily waste waters, and/or glycols in-coming to the Ortek facility are transported by the following eight (8) ChicagoLand transporters:
   - Duke's Oil Service
   - Future Envrionmental
   - HazChem Environmental
   - Illinois Recovery Group
   - North Branch Environmental
   - R.S. Used Oil
   - Southwest Oil Service
   - Turn-Key Environmental

7601 West 47th Street • McCook, Illinois 60525
(708) 762-5117 • (708) 762-5118 Fax

3) The Waste Analysis Plan (WAP) and Material Profile Sheet(s) are attached/enclosed as *Attachment A*.

4) Ortek's Spill Prevention, Control and Countermeasure Plan (SPCC-Plan) is attached/enclosed as *Attachment B*.

5) Ortek's most recent Storage Tank Inventory is attached/enclosed as *Attachment C*.

6) Request for Information Item #6 is related/similar to request item No. 3 and some other Requests where specific generator and/or transporter profiles/analytical is requested. However, additional or example information is attached/enclosed as *Attachment D*.

7) Ortek asks that all incoming streams be checked by Method 9075 (i.e., Test Method for Total Chlorine in new and used Petroleum Products by X-Ray Fluorescence Spectrometry – XRF). Ortek analyzesoil and/or water based streams, as an indicator,although this Method specifies under part 6.4 that "Free Water, as a separate phase, should be removed and cannot be analyzed by this method" while Section 3 of this Method discusses interferences as a result of water. Ortek understands that the Method is/was designed for Petroleum Products (such as Used oil), and that any sample showing results that exceed 1000 ppm by this Method are presumed to be Hazardous Waste until/unless rebutted by showing no individual chlorinated solvent (for example) to be equal to or greater than 100-ppm and/or by generator knowledge and/or tolling arrangements for some metal-working oils. Method 9075 is incorporated in Ortek's Waste Analysis Plan (WAP) under *Attachment A*.

8) Oily waste waters placed into tanks 1-6 are phased-separated initially through gravity separation, whereby solids and water/glycols typically being heavier gravitate towards the bottom of the tanks, and oils tend to float to towards the top (the effectiveness of gravity separation is often limited in emulsified materials). Oil "skimmed" or collected from this process, are collected, combined, and resampled for evaluation as used oils.

9) Bottom-Sediment and Water (BS&W) by centrifugal analysis is recommended to be run on every incoming waste stream. As you know this test is useful to see solid/liquid phases, even separation of liquid-liquid phases such as oil and water. The Ortek facility was not designed or set-up to handle/process "solids", thus, several potential streams each year are "rejected" from the facility if aninbound truck is found to exhibit a significant amount of solids in the bottom portions of the truck's storage tanker, for example. In this case, BS&W may not even be run, and the truck rejected. In some other cases, for example, de-watering of an elevator shaft's basement whereby minimal oil/fuel exists with clear/clean water making up 90% of the material, such streams can be seen to be clearly phase separated within the potential inbound truck or sample jar, BS&W may be estimated visually by sample jar (e.g. 98% water, <1% solids, 1% oil).

10) Currently nothing exists in the grease shack. Following the USEPA's site inspection(s), employees of Ortek cleaned everything out of the grease shack. The grease shack contained numerous items such as old office paperwork, empty drums, desks, old monitoring equipment, tools, supplies, etcetera. Some of Ortek's processing chemicals were stored in the grease shack that existed in totes, pales or drums. These products are still usable in the plant and have been moved to the "blending dock" where they will be kept warmer during winter. The old PCB

product/material you found during an inspection was properly disposed of and documented also in *Attachment D*.

RS Used Oil Shipments

11) *Attachment E* contains documentation of the five (5) loads shipped to Ortek by RS Used Oil in or around April 2011 and May 2011. The material was stored in tank 500 while at Ortek, and shipment documentation of the material going out during November and December 2011 (analytical from September, 2011) is also presented in Attachment E.

12) The "generator" appears to be "Rock Ford Products" and/or RS Used Oil per the documentation as provided in Attachment E.

13) *Attachment F* contains documentation related to this question concerning the material stored in tanks 120, 122 and 146 and shipped off-site in November, 2011. As to who, why or when it was first determined to be called "off spec", we do not know, however, analytical records included in Attachment F appear to us to show the material to be "off-spec" in the form of Chromium, Tetrachloroethene, flash, and possibly elsewhere.

14) Attachment F includes waste manifests that show this material to be shipped during November 2011 to the:

    "Greencastle WDF Facility"
    3301 South County Road 150 W
    Greencastle IN 46135
    Ph = (800) 355-3485
    Facility ID # IND006419212

15) You state to please provide all information regarding RS Used Oil's October 7, 2011 application for a RCRA Subtitle C Identification Number as a Large Quantity Generator (LQG) of Hazardous Waste using Ortek's site address as the point of generation. To my knowledge we ***had*** not seen any information to confirm or elaborate on this topic prior to the USEPA's mention of such. After receiving used oil materials that we all believed to be Non-Hazardous, we now have analytical showing some of the materials to be "hazardous". Thus, I suppose, if our "processing", storage, handling, or ??? could have been (or is) deemed to have caused this material to become hazardous, maybe one is justified in listing the Ortek Site as the point of generation, since one could argue that it became the "point of generation". Possibly, this LQG paperwork was completed more as a process of due-diligence and for logistics, to set up proper disposal. Whatever the case, Ortek is/was more concerned with trying to helpresolve this issue, while trying to keep the environment and personnel safe, and for us all to work better in order to prevent such an occurrence henceforth.

July 2011 Sample Analytical Results

16) Ortek does not have any response to this request at this time, other than we see that Chromium levels in the used oil skimmed from phase-separated oils from these tanks was too high as recorded by Precision Petroleum Labs on July 8, 2011 *(Attachment G).*

17) The Laboratory Analytical from Precision Petroleum Labs, Inc., of July 8 2011 is attached/enclosed under *Attachment G*. These independent results for used oily-water-glycols that Ortek stores in tanks 324, 325, 410 and 411 reveals that we have Hazardous Waste in our tanks, at a Non-Hazardous facility, due to elevated Arsenic levels.Please note, however, that the elevated Arsenic Levels making this material to appear to be Hazardous Waste, was run by Method 6010 (see Precision Petroleum Lab's Analytical documenting this).This is very significant, as a USEPA backed study has shown, and is discussed as follows:

Pleaseconsider the study conducted with USEPA grant money (USEPARegion 7 Grant X-98748101-0, e.g., www.iwrc.org/IWRC/index.cfm/services/past-services/small-business-pollution-prevention-center-sbppc/waste-analysis-for-auto-dealerships/)by the University of Northern Iowa that found Arsenic levels too high (thus Hazardous Waste) in a large portion of antifreeze/glycols streams. Similar to their study we have found glycol after glycol stream (even products –sometimes virgin antifreezes currently sold at Wal-Mart) to be "HAZARDOUS WASTE" by not passing the Arsenic 5.0ppm limit.Under this USEPA granted study, whenever glycols were analyzed under Method 6010, they often flunked the Arsenic limit of 5.0 ppm, however, when the same sample glycol materials were sampled under Methods 6020 and/or 7060, they passed. In fact, under this study, all 74 samples of glycol passed the arsenic limit of 5.0 ppm when using method 7060, 2 samples flunked under method 6020, and 17 samples flunked under Method 6010.

It is interesting to me that by one Method we are out-of-compliance, and by another Laboratory Method we are in-compliance and following the intent of RCRA which I believe is to be conscience of America's Resources under Resource Conservation and Recovery. Ortek, probably,more so thanmost, is trying to recycle, reclaim, re-store, re-refine, "wastes", "resources" and/or "products" for reuse (conservation). I'll note that Used Oil, at first, was generally included as "HAZARDOUS WASTE" as it generally flunks the TCLP limits per 40 CFR (e.g. lead). However, used oils were later given special rules/regulations/guidelines to ENCOURAGE recycling, better/cheaper disposal, and so forth. I think when common consumer "products" or "wastes" such as antifreeze and/or used oil, or fuels are used/handled by do-it-yourselfers and/or small businesses, the findings were that when classified as hazardous (and thus expensive to deal with), people were disposing of such materials to the ground, down drains, the toilets, rivers, ditches, abandoned wells, etcetera. Thank God for the USEPA Grant that allowed this study, as it has helped us learn (sometimes the hard way), otherwise we'd have to reject in the neighborhood of 70% of the used glycol streams coming to us.

October 2011 Used Oil Shipments

18) Ortek has no additional information or documentation to add to this request at this time.

19) Ortek has no additional information of documentation to add to this request at this time.

Future Environmental, Inc.

20) Tank 400: Future Environmental has been storing used oil in Tank 400 (off-and-on) for the past several years. An example of the shipping records and analytical that is conducted periodically on these used oils is included in *Attachment H*.

21) The most recent date Future Environmental added oil to Tank 400 was Aug 16, 2012. The frequency of Future putting oil into or taking oil out of this tank is seasonal. They may deliver (put-in) or pull out daily, and/or we may not see them for months. In the past, Ortek would use this oil to process through our re-refinery and make lubricating base oils &/or Vacuum Gas Oil (VGO), resource conservation and recovery.

22) Tanks 7 & 8 use by Future Environmental: Tanks 7 & 8, effectively provide approximately 25,000-gallons of storage space for used oils vs. Tank 400 which can store up to 250,000-gallons. For this reason, these smaller tanks (e.g. 7 & 8), provide a "safety- net" storage option. We (Ortek/Future) have analytical that shows specific used oil generators provide "in-spec" used oil on a continuous basis. However, should a generator ever have miss-represented his material, or should additional sampling show the material to be "off-spec", the used oil is isolated in tanks 7 &/or 8, at say 15,000 gallons (typical volume), rather than in Tank-400 at say 150,000 gallons. Attachment H contains an example (spreadsheet log) of Future Environmental's more recent use of tanks 7 & 8

Illinois Recovery Group, Inc.

23) *Attachment I*, contains an Ortek Scale Ticket (i.e., truck weights in and out), Truck Drivers Log sheet, and Laboratory Analysis for "used oil" picked up by Illinois Recovery Group on December 9, 2011.

Certification

24) I certify under the penalty of law that I have examined and am familiar with the information submitted in responding to this information request for production of documents. Based on my review of relevant documents and inquiring of those individuals immediately responsible for providing relevant information and documents, I believe that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Sincerely,

Lowell Aughenbaugh
Ortek, Inc.

Enclosures/Attachments

Ortek USEPA response Nov. 2012/NSWord

ATTACHMENT A

ORTEK INC.

USED OIL MANAGEMENT WASTE ANALYSIS PLAN

Revised edition 03/15/03

APPENDIX A

ORTEK INC. WASTE ANALYSIS PLAN

The intent of this plan is to fully comply with both 40 CFR 279.55 as well as section 739.155 of the Illinois Environmental Protection Act. Under these acts our facility Ortek Inc. located at 7601 West 47th street in McCook, Illinois meets the definition of a used oil processor and as such must have a written waste analysis plan.

To comply with section 739.153 Ortek Inc. shall use both generator knowledge as well as sample analysis

Incoming Waste Stream Analysis Plan

1. All waste streams at least annually or when their waste stream changes shall submit a copy of our waste profile sheet certifying that their waste stream is non-hazardous and meets the requirements of section 739.153 (See appendix A for waste profile sheet) 739.155(a)(1)

2. Upon entering the facility each truck and/or compartment of the truck shall be sampled using the Containerized liquid wastes method of sampling: COLIWASA described in Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods,. SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111. 739.155(a)(2)(A)

3. All samples from each truck or compartment of the truck shall be analyzed prior to unloading and will be done so on-site. 739.155(a)(2)(B)

4. Ortek Inc. shall use SW-846 test method 9075 as approved by the US EPA for determing chlorine and other halogens in used oil to comply with section 739.153 (See appendix B for methodology) 739.155(a)(2)(C)

5. Ortek Inc. will use a combination of generator knowledge as well as sampling analysis to determine the content of halogens in the used oil we accept for reprocessing. 739.155(a)(3)

Outgoing On-Spec Used Oil Analysis Plan

Any used oil received and processed and the intended use is for energy recovery shall meet the following standards. (739.172 / 739.111)

Arsenic	5 ppm max.
Cadmium	2 ppm max.
Chromium	10 ppm max.
Lead	100 ppm max.
Flash Point	100 ^{0}F min.
Total Halogens	4,000 ppm max.[2]

Footnote: [2] Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under section 739.110(b)(1)

MATERIAL PROFILE SHEET

Profile # _____

A. Billing Information (Written price quotes and inquires will be sent to this address.)

Company _____ Account # _____

Address _____

City/State _____ Zip _____ Contact _____

Phone _____ Fax _____

B. Generator Information/Location of Waste

Generator Name _____ Technical Contact _____

Premise Address _____

City/State _____ Zip _____

Contact Phone _____ Contact Fax _____

Type of Business Activity _____ SIC Code _____

C. Waste Description

Common Name of Waste _____

Process Generating Waste _____

Other Process Information _____

Source of Waste

- ☐ Unused Product or Chemical
- ☐ Waste by-product from process
- ☐ Spill clean up
- ☐ Planned Site Remediation
- ☐ Other _____

D. Physical Properties (at 25° C or 77° F)

Physical State

- ☐ 100% Solid Without Free Liquid
- ☐ 100% Liquid With No Solids
- ☐ Liquid/solid mixture
  - _____% Free Liquid
  - _____% Settled Solids
  - _____% Total Suspended Solids

Number of Phases/Layers

☐ 1 ☐ 2 ☐ 3

% By Volume (Approx.)

Top	*Middle*	*Bottom*
_____	_____	_____

Odor

- ☐ None
- ☐ Mild
- ☐ Strong

Describe: _____

Color

- ☐ Transparent
- ☐ Translucent
- ☐ Opaque

Describe: _____

Flash Point

- ☐ < 73° F
- ☐ 73° - 100° F
- ☐ 101° - 140° F
- ☐ 141° - 200° F
- ☐ > 200° F

pH

- ☐ < 2
- ☐ 2.1 – 4.9
- ☐ 5.1 - 9
- ☐ 9.1 – 12.5
- ☐ > 12.5

Specific Gravity (gm/ml)

- ☐ < 0.8 (e.g. Petroleum)
- ☐ 0.8 – 1.0 (e.g. Water/Petroleum)
- ☐ 1.0 (e.g. Water)
- ☐ 1.0 – 1.2 (e.g. Antifreeze)
- ☐ > 1.2 (e.g. Methylene Chloride)

Viscosity

- ☐ Low (e.g. Water)
- ☐ Medium (e.g. Motor Oil)
- ☐ High (e.g. Molasses)

E. Volume

Anticipated Volume: _____ ☐ Drums ☐ Bulk ☐ Other _____

Generation Frequency: ☐ One Time ☐ Batch ☐ Continuous

Estimated Shipment Frequency: ☐ Weekly ☐ Semimonthly ☐ Monthly ☐ Quarterly ☐ Other _____

F. Composition (Must add up to 100%. Include inert materials and/or debris if applicable.)

_____	_____%	_____	_____%
_____	_____%	_____	_____%
_____	_____%	_____	_____%

Total _____%

G. Constituents Attach all available data including Lab analysis and MSDS's

These values are based on ☐ knowledge ☐ testing ☐ none in this section present

INORGANIC

RCRA Regulated Metals	Regulatory Level (mg/l)	Conc. (mg/l)
D004 Arsenic	5.0	_____
D005 Barium	100.0	_____
D006 Cadmium	1.0	_____
D007 Chromium	5.0	_____
D008 Lead	5.0	_____
D009 Mercury	0.2	_____
D010 Selenium	1.0	_____
D011 Silver	5.0	_____

Other	Conc. (mg/l)
Ammonia	_____
Phosphorus	_____
Formaldehyde	_____
COD	_____
Total Solids	_____
PCBs	_____
Dioxins	_____

Pesticides/Herbicides	Regulatory Level (mg/l)	Conc. (mg/l)
D012 Endrin	0.02	_____
D013 Lindane	0.4	_____
D014 Methoxychlor	10.0	_____
D015 Toxaphene	0.5	_____
D016 2,4-D	10.0	_____
D017 2,4,5-TP (Silvex)	1.0	_____
D020 Chlordane	0.03	_____
D031 Heptachlor (and its expoxide)	0.008	_____

OTHER METALS: Conc. (mg/l)

Copper	_____	Cobalt	_____	Titanium	_____
Nickel	_____	Tin	_____	Vanadium	_____
Zinc	_____	Molybdenum	_____		

ORGANIC

Volatile Compounds	Regulatory Level (mg/l)	Conc. (mg/l)
D018 Benzene	0.5	_____
D019 Carbon Tetrachloride	0.5	_____
D021 Chlorobenzene	100.0	_____
D022 Chloroform	6.0	_____
D028 1,2-Dichloroethene	0.5	_____
D029 1,1-Dichloroethylene	0.7	_____
D035 Methyl Ethyl Ketone	200.0	_____
D039 Tetrachloroethylene	0.7	_____
D040 Trichloroethlene	0.5	_____
D043 Vinyl Chloride	0.2	_____

Semi-Volatile Compounds	Regulatory Level (mg/l)	Conc. (mg/l)
D023 o-Cresol	200.0	_____
D024 m-Cresol	200.0	_____
D025 p-Cresol	200.0	_____
D026 Cresol (Total)	200.0	_____
D027 1,4-Dichlorobenzene	7.5	_____
D030 2,4-Dinitrotoluene	0.13	_____
D032 Hexchlorobenzene	0.13	_____
D033 Hexachlorobutadiene	0.5	_____
D034 Hexachloroethane	3.0	_____
D036 Nitrobenzene	2.0	_____
D037 Pentachlorophenol	100.0	_____
D038 Pyridine	5.0	_____
D041 2,4,5-Trichlorophenol	400.0	_____
D042 2,4,6-Trichlorophenol	2.0	_____

Other Hazards

- ☐ Water Reactive
- ☐ OSHA Regulated Carcinogens
- ☐ Oxidizer
- ☐ Reducer
- ☐ Infectious
- ☐ Thermally Sensitive
- ☐ Corrosive
- ☐ Other _____

H. Regulatory Status

RCRA Hazardous Waste (per 40CFR261)? ☐ Yes ☐ No

State Hazardous Waste? ☐ Yes ☐ No

USDOT Hazardous Material? ☐ Yes ☐ No

Used Oil (per 40CFR279)? ☐ Yes ☐ No

If yes to any, describe _____

I. Sample Status

Representative sample has been supplied? ☐ Yes ☐ No Sampled by: _____ Date Sampled: _____

J. Section 739.110(b).

b) The rebuttable presumption for used oil of Section 739.110(b)(1)(B) applies to used oil managed by generators. Under the rebuttable presumption for used oil of Section 739.110(b)(1)(B), used oil containing greater than 1,000 ppm total halogens is presumed to be a hazardous waste and thus must be managed as hazardous waste and not as used oil unless the presumption is rebutted. However, the rebuttable presumption does not apply to certain metalworking oils and fluids and certain used oils removed from refrigeration units.

K. Generators Certification

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples are representative of the actual waste. If Ortek, Inc. discovers a discrepancy during the approval process, generator grants Ortek, Inc. the authority to amend the profile as Ortek, Inc. deems necessary to reflect the discrepancy.

Generator's Signature	Name (print)	Date
_____	_____	_____

APPENDIX B

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
9056	Anion Chromatography Method	For oils, 2-3 mL of combustate from Method 5050 is injected into an ion chromatograph and is pumped through 3 different ion exchange columns with halogens detected by a conductivity detector.	This procedure can sequentially determine chloride, fluoride, bromide, nitrate, nitrite, phosphate, and sulfate in combustate.	Minimum DL of 0.05 mg/L for F^- and 0.1 mg/L for Br^-, Cl^-, and the other ions. Very low detection limit.	The only method that can be used to determine the conc. of each halide group (F^-, Cl^-, or Br^-).
9253	Chloride (Titrimetric, Silver Nitrate)	For oils, combustate from Method 5050 is adjusted to pH 8.3 and is titrated with silver nitrate solution in the presence of potassium chromate indicator.	This method can determine chloride from bomb combustate. **Bromide, iodide, and sulfide are titrated along with the chloride.**	This method is intended for oxygen bomb combustates and waters where the chloride content is 5 mg/L or more.	Bromide, iodide, and sulfide are also titrated. Ortho- and polyphosphate can interfere at concentrations above 250 and 25 mg/L, respectively.
9075	Test Method for Total Chlorine in New and Used Petroleum Products by XRF Spectrometry	A well mixed sample is loaded into an X-ray fluorescence (XRF) spectrometer. The intensities of the chlorine K alpha and sulfur K alpha lines are measured using a calibrated system. The sulfur intensity is used to correct for absorption by sulfur. Free water is a major interferant and should be removed before analysis.	This method can determine the total chlorine in new and used oils, fuels, and related materials. Possible interferants include metals, water, and sediments in the oil. Spike recovery measurements on used crankcase oil showed that diluting samples 5 to 1 allowed accurate measurement on 80% of the samples.	The applicable range of this method is from 200 mg/kg to percent levels of chlorine in oil matrices.	This method does determine total chloride concentration. One sample from each group of closely related samples should be spiked to confirm that matrix effects are not significant.

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
9076	Test Method for Total Chlorine in New and Used Petroleum Products by Oxidative Combustion and Microcoulometry	A sample is placed in a quartz boat at the inlet of a high-temperature quartz combustion tube. An inert carrier gas sweeps across the inlet while oxygen flows to the center of the combustion tube. The boat and sample are passed through a temperature zone of about 300° C to volatilize the light ends. The sample is then advanced to the center of the combustion tube, which is at 1000° C, where the chlorine is converted to chloride and oxychlorides, which then flow into an attached titration cell where they quantitatively react with silver ions. The total current required to coulometrically replace the silver ions is a measure of the chlorine present in the sample.	This method can determine total chlorine in new and used oils, fuels, and related materials. **Bromine and iodine will also give a positive response.** However, because oxyhalides of bromine and iodine do not react in the titration cell, only about a 50% microequivalent response is detected from them.	The applicable range of this method is from 10 to 10,000 mg/kg of chlorine in oil matrices.	This method does determine total chloride concentration along with some of the bromide and iodide concentration present.
9077	Test Method for Total Chlorine in New and Used Petroleum Products (3 Different Field Test Kit Methods)	Method A: The CHLOR-D-TECT 1000 by Dexsil Corporation, involves dispersing a sample of oil (about 0.4 g by volume) in a solvent and reacting with a mixture of metallic sodium catalyzed with naphthalene and diglyme at ambient temperature. All halides in the mixture are extracted into an aqueous buffered solution and titrated with mercuric nitrate using a diphenyl-carbazone indicator to a blue-violet endpoint.	This method can determine whether or not a sample contains greater than or less than 1000 ppm of total chloride in new and used oils, fuels and related materials. **Fluoride, bromide, and iodide are also titrated and reported as chloride in the procedure.**	This method is semi-quantitative. Results are reported as being above or below 1000 mg/kg of chlorine (along with bromide and iodide) in oil matrices.	This method can determine total halogens as chloride. Each sample should be tested twice. If the results do not agree then a third test must be performed.

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
9077 (cont.)		Method B: The Quanti-Chlor Kit from Chemetrics Inc., involves a reverse titration of a fixed volume of mercuric nitrate with the extracted sample to an endpoint that is denoted by a change from blue to yellow in the titration vessel.	This method can determine total chlorine in new and used oils, fuels, and related materials. **Fluoride, bromide, and iodide are also titrated and reported as chloride in the procedure.**	The applicable range of this method is 750 to 7000 mg/kg chlorine in oil matrices.	This method can determine total halogens as chloride. Each sample should be tested twice. If the results do not agree within 10% RPD a third test should be run.
		Method C: The CHLOR-D-TECT Q4000 from Dexsil Corporation involves a titration of the extracted sample with mercuric nitrate by means of a 1- mL microburette to an endpoint that is denoted by a change from pale yellow to red violet. The concentration of chlorine in the original oil is then read from a scale on the microburette.	This method can determine total chlorine in new and used oils, fuels, and related materials. **Fluoride, bromide, and iodide are also titrated and reported as chloride in the procedure.**	The applicable range of this method is 300 to 4000 mg/kg of chlorine in oil matrices.	This method can determine total halogens as chloride. Each sample should be tested twice. If the results do not agree within 10% RPD, a third test should be run.

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
8021B	Halogenated Volatile Organics by GC/HECD: Capillary Column Technique	Purge-and-trap (or dilute and shoot for oils) gas chromatography (GC) procedure using a Hall Electrolytic Conductivity Detector (HECD).	**Applicable to individual volatile organic compounds** in oil by dilute and shoot sample introduction.	EQLs of 0.040 to 0.625 mg/L in non-water miscible waste. Very low detection limit.	Method does not provide a total chloride number. The HECD is a relatively low-cost GC detector when compared to the MS.
8260B	Volatile Organic Compounds by GC/MS: Capillary Column Technique	Purge-and-trap (or dilute and shoot for oils) gas chromatography (GC) procedure using a mass spectrometer (MS) detector.	**Applicable to individual volatile organic compounds** in oil by dilute and shoot sample introduction.	EQLs of about 2.5 mg/L in non-water miscible waste. Very low detection limit.	Method does not provide a total chloride number. The MS detector is an expensive, complex detector.
9020B	Total Organic Halides (TOX)	A sample of water is passed through a column of activated carbon, the column is washed to remove inorganic halides, the remaining halides are combusted, and detected with a microcoulometric detector.	**Applicable to all organic halides except fluorine in drinking water or ground waters** that do not contain an amount of inorganic halides in excess of 20,000 times.	MDL of 0.005 mg/L for drinking water and ground waters.	Generates a single total halide number. **Method is not applicable to oil matrices.**
5050	Bomb Combustion Method for Solid Waste	A sample of oil is oxidized by combustion for 30-40 minutes in a bomb containing oxygen under pressure. The resulting combustate is analyzed by Methods 9056, 9252A, or 9253.	This procedure does not detect halides or halogenated compounds. Rather, **this procedure prepares oil samples for analysis by other determinative methods.**	Not applicable. **This is not a determinative procedure.**	Applicable to solid waste, oils, fuels, and related materials.

TEST METHOD FOR TOTAL CHLORINE IN NEW AND USED PETROLEUM PRODUCTS BY X-RAY FLUORESCENCE SPECTROMETRY (XRF)

1.0 SCOPE AND APPLICATION

1.1 This test method covers the determination of total chlorine in new and used oils, fuels, and related materials, including crankcase, hydraulic, diesel, lubricating and fuel oils, and kerosene. The chlorine content of petroleum products is often required prior to their use as a fuel.

1.2 The applicable range of this method is from 200 µg/g to percent levels.

1.3 Method 9075 is restricted to use by, or under the supervision of, analysts experienced in the operation of an X-ray fluorescence spectrometer and in the interpretation of the results.

2.0 SUMMARY OF METHOD

2.1 A well-mixed sample, contained in a disposable plastic sample cup, is loaded into an X-ray fluorescence (XRF) spectrometer. The intensities of the chlorine K- and sulfur K- lines are measured, as are the intensities of appropriate background lines. After background correction, the net intensities are used with a calibration equation to determine the chlorine content. The sulfur intensity is used to correct for absorption by sulfur.

3.0 INTERFERENCES

3.1 Possible interferences include metals, water, and sediment in the oil. Results of spike recovery measurements and measurements on diluted samples can be used to check for interferences.

Each sample, or one sample from a group of closely related samples, should be spiked to confirm that matrix effects are not significant. Dilution of samples that may contain water or sediment can produce incorrect results, so dilution should be undertaken with caution and checked by spiking. Sulfur interferes with the chlorine determination, but a correction is made.

Spike recovery measurements of used crankcase oil showed that diluting samples five to one allowed accurate measurements on approximately 80% of the samples. The other 20% of the samples were not accurately analyzed by XRF.

3.2 Water in samples absorbs X-rays emmitted by chlorine. For this inter-ference, use of as short an X-ray counting time as possible is beneficial. This appears to be related to stratification of samples into aqueous and nonaqueous layers while in the analyzer.

Although a correction for water may be possible, none is currently available. In general, the presence of any free water as a separate phase or a water content greater than 25% will reduce the chlorine signal by 50 to 90%. See Sec. 6.4.

4.0 APPARATUS AND MATERIALS

4.1 XRF spectrometer, either energy dispersive or wavelength dispersive. The instrument must be able to accurately resolve and measure the intensity of the chlorine and sulfur lines with acceptable precision.

4.2 Disposable sample cups with suitable plastic film such as Mylar®.

5.0 REAGENTS

5.1 Purity of reagents. Reagent-grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

5.2 Mineral oil, mineral spirits or paraffin oil (sulfur- and chlorine-free), for preparing standards and dilutions.

5.3 1-Chlorodecane (Aldrich Chemical Co.), 20.1% chlorine, or similar chlorine compound.

5.4 Di-n-butyl sulfide (Aldrich Chemical Co.), 21.9% sulfur by weight.

5.5 Quality control standards such as the standard reference materials NBS 1620, 1621, 1622, 1623, and 1624 for sulfur in oil standards; and NBS 1818 for chlorine in oil standards.

6.0 SAMPLE COLLECTION, PRESERVATION, AND HANDLING

6.1 All samples must be collected using a sampling plan that addresses the considerations discussed in Chapter Nine.

6.2 The collected sample should be kept headspace free prior to preparation and analysis to minimize volatilization losses of organic halogens. Because waste oils may contain toxic and/or carcinogenic substances, appropriate field and laboratory safety procedures should be followed.

6.3 Laboratory sampling of the sample should be performed on a well-mixed sample of oil. The mixing should be kept to a minimum and carried out as nearly headspace free as possible to minimize volatilization losses of organic halogens.

6.4 Free water, as a separate phase, should be removed and cannot be analyzed by this method.

7.0 PROCEDURE

7.1 Calibration and standardization.

7.1.1 Prepare primary calibration standards by diluting the chlorodecane and n-butyl sulfide with mineral spirits or similar material.

7.1.2 Prepare working calibration standards that contain sulfur, chlorine, or both according to the following table:

Cl: 500, 1,000, 2,000, 4,000, and 6,000 µg/g
S: 0.5, 1.0, and 1.5% sulfur

1.	0.5% S, 1,000 µg/g Cl	5.	1.0% S, 6,000 µg/g Cl
2.	0.5% S, 4,000 µg/g Cl	6.	1.5% S, 1,000 µg/g Cl
3.	1.0% S, 500 µg/g Cl	7.	1.5% S, 4,000 µg/g Cl
4.	1.0% S, 2,000 µg/g Cl	8.	1.5% S, 6,000 µg/g Cl

Once the correction factor for sulfur interference with chlorine is determined, fewer standards may be required.

7.1.3 Measure the intensity of the chlorine Kα line and the sulfur Kα line as well as the intensity of a suitably chosen background. Based on counting statistics, the relative standard deviation of each peak measurement should be 1% or less.

7.1.4 Determine the net chlorine and sulfur intensities by correcting each peak for background. Do this for all of the calibration standards as well as for a paraffin blank.

7.1.5 Obtain a linear calibration curve for sulfur by performing a least squares fit of the net sulfur intensity to the standard concentrations, including the blank. The chlorine content of a standard should have little effect on the net sulfur intensity.

7.1.6 The calibration equation for chlorine must include a correction term for the sulfur concentration. A suitable equation follows:

$$Cl = (mI + b)(1 + k^*S) \qquad (1)$$

where:

I = net chlorine intensity
m, b, k* = adjustable parameters
S = sulfur concentration

Using a least squares procedure, the above equation or a suitable substitute should be fitted to the data. Many XRF instruments are equipped with suitable computer programs to perform this fit. In any case, the resulting equation should be shown to be accurate by analysis of suitable standard materials.

7.2 Analysis.

7.2.1 Prepare a calibration curve as described in Sec. 7.1. By periodically measuring a very stable sample containing both sulfur and chlorine, it may be possible to use the calibration equations for more than 1 day. During each day, the suitability of the calibration curve should be checked by analyzing standards.

7.2.2 Determine the net chlorine and sulfur intensities for a sample in the same manner as done for the standards.

7.2.3 Determine the chlorine and sulfur concentrations of the samples from the calibration equations. If the sample concentration for either element is beyond the range of the standards, the sample should be diluted with mineral oil and reanalyzed.

8.0 QUALITY CONTROL

8.1 Refer to Chapter One for specific quality control procedures.

8.2 One sample in ten should be analyzed in triplicate and the relative standard deviation reported. For each triplicate, a separate preparation should be made, starting from the original sample.

8.3 Each sample, or one sample in ten from a group of similar samples, should be spiked with the elements of interest by adding a known amount of chlorine or sulfur to the sample. The spiked amount should be between 50% and 200% of the sample concentration, but the minimum addition should be at least five times the limit of detection. The percent recovery should be reported and should be between 80% and 120%. Any sample suspected of containing >25% water should also be spiked with organic chlorine.

8.4 Quality control standard check samples should be analyzed every day and should agree within 10% of the expected value of the standard.

9.0 METHOD PERFORMANCE

9.1 These data are based on 47 data points obtained by seven laboratories who each analyzed four used crankcase oils and three fuel oil blends with crankcase in duplicate. A data point represents one duplicate analysis of a sample. Two data points were determined to be outliers and are not included in these results.

9.2 Precision. The precision of the method as determined by the statistical examination of interlaboratory test results is as follows:

Repeatability The difference between successive results obtained by the same operator with the same apparatus under constant operating conditions on identical test material would exceed, in the long run, in the normal and correct operation of the test method, the following values only in 1 case in 20 (see Table 1):

$$Repeatability = 5.72\sqrt{x}$$

*where x is the average of two results in µg/g.

Reproducibility - The difference between two single and independent results obtained by different operators working in different laboratories on identical test material would exceed, in the long run, the following values only in 1 case in 20:

$$Reproducibility = 9.83\sqrt{x}$$

*where x is the average value of two results in µg/g.

9.3 Bias. The bias of this test method varies with concentration, as shown in Table 2:

Bias = Amount found - Amount expected.

10.0 REFERENCE

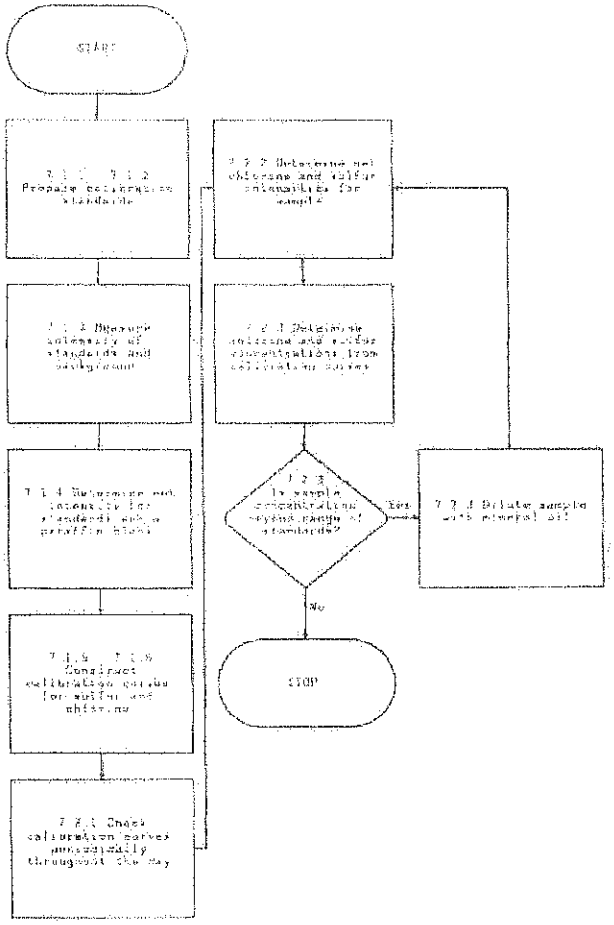
1. Gaskill, A.; Lyons, L.D.; Hardison, D.L.; and Myers, L.L. Validation of Methods for Determining Chlorine in Used Oils and Oil Fuels. Prepared for U.S. Environmental Protection Agency, Office of Solid Waste. EPA Contract No. 68-01-7075, WA 80. July 1980.

TABLE 1. REPEATABILITY AND REPRODUCIBILITY FOR CHLORINE IN USED OILS BY X-RAY FLUORESCENCE SPECTROMETRY

Average value, µg/g	Repeatability, µg/g	Reproducibility, µg/g
500	128	220
1,000	181	313
1,500	222	381
2,000	256	440
2,500	286	492
3,000	313	538

TABLE 2. RECOVERY AND BIAS DATA FOR CHLORINE IN USED OILS BY X-RAY FLUORESCENCE SPECTROMETRY

Amount expected, µg/g	Amount found, µg/g	Bias, µg/g	Percent bias
320	278	-42	-13
480	461	-19	-4
920	879	-41	-4
1,498	1,414	-84	-6
1,527	1,299	-228	-15
3,029	2,806	-223	-7
3,045	2,811	-234	-8


START
7.1.1 - 7.1.2 Prepare calibration standards
7.1.3 Measure intensity of standards and background
7.1.4 Determine net intensity for standards and paraffin blank
7.1.5 - 7.1.6 Construct calibration curves for sulfur and chlorine
7.2.1 Check calibration curves periodically throughout the day
7.2.2 Determine net chlorine and sulfur intensities for sample
7.2.3 Determine chlorine and sulfur concentrations from calibration curves
7.2.4 Is sample concentration within range of standards?
Yes
No
7.2.5 Dilute sample with mineral oil
STOP

METHOD 1010
PENSKY-MARTENS CLOSED-CUP METHOD FOR DETERMINING IGNITABILITY

1.0 SCOPE AND APPLICATION

1.1 Method 1010 uses the Pensky-Martens closed-cup tester to determine the flash point of liquids including those that tend to form a surface film under test conditions. Liquids containing non-filterable, suspended solids shall also be tested using this method.

2.0 SUMMARY OF METHOD

2.1 The sample is heated at a slow, constant rate with continual stirring. A small flame is directed into the cup at regular intervals with simultaneous interruption of stirring. The flash point is the lowest temperature at which application of the test flame ignites the vapor above the sample.

For further information on how to conduct a test by this method, see Reference 1 below.

3.0 METHOD PERFORMANCE

3.1 The Pensky-Martens and Setaflash Closed Testers were evaluated using five industrial waste mixtures and p-xylene. The results of this study are shown below in °F along with other data.

Sample	Pensky-Martens	Setaflash
1[a]	143.7 ± 1.5	139.3 ± 2.1
2[a]	144.7 ± 4.5	129.7 ± 0.6
3[a]	93.7 ± 1.5	97.7 ± 1.2
4[a]	198.0 ± 4.0	186.3 ± 0.6
5[a]	119.3 ± 3.1	122.7 ± 2.5
p-xylene[b]	81.3 ± 1.1	79.3 ± 0.6
p-xylene[c]	77.7 ± 0.5[c]	--
Tanker oil	125, 135	--
Tanker oil	100, 100	--
Tanker oil	110, 110	--
DIBK/xylene	102 ± 4[c]	107

[a]75/25 v/v analyzed by four laboratories.
[b]12 determinations over five-day period.

4.0 REFERENCES

1. D 93-80, Test Methods for Flash Point by Pensky-Martens Closed Tester, American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, 04.08, 1986.

2. Dacre, M., Gutknecht, W., Salmons, C., et al., Evaluation of Ignitability Methods (Liquids), EPA/600/S4-85/028, 1984.

3. Gaskill, A., Compilation and Evaluation of RCRA Method Performance Data, Work Assignment No. 2, EPA Contract No. 68-01-7075, September 1986.

METHOD 9041A

pH PAPER METHOD

1.0 SCOPE AND APPLICATION

1.1 Method 9041 may be used to measure pH as an alternative to Method 9040 (except as noted in Step 1.3) or in cases where pH measurements by Method 9040 are not possible.

1.2 Method 9041 is not applicable to wastes that contain components that may mask or alter the pH paper color change.

1.3 pH paper is not considered to be as accurate a form of pH measurement as pH meters. For this reason, pH measurements taken with Method 9041 cannot be used to define a waste as corrosive or noncorrosive (see RCRA regulations 40 CFR §261.22(a)(1).

2.0 SUMMARY OF METHOD

2.1 The approximate pH of the waste is determined with wide-range pH paper. Then a more accurate pH determination is made using "narrow-range" pH paper whose accuracy has been determined (1) using a series of buffers or (2) by comparison with a calibrated pH meter.

3.0 INTERFERENCES

3.1 Certain wastes may inhibit or mask changes in the pH paper. This interference can be determined by adding small amounts of acid or base to a small aliquot of the waste and observing whether the pH paper undergoes the appropriate changes.

CAUTION: THE ADDITION OF ACID OR BASE TO WASTES MAY RESULT IN VIOLENT REACTIONS OR THE GENERATION OF TOXIC FUMES (e.g., hydrogen cyanide). Thus, a decision to take this step requires some knowledge of the waste. See Step 7.3.3 for additional precautions.

4.0 APPARATUS AND MATERIALS

4.1 Wide-range pH paper.

4.2 Narrow-range pH paper: With a distinct color change for every 0.5 pH unit (e.g., Alkacid Full-Range pH Kit, Fisher Scientific or equivalent). Each batch of narrow-range pH paper must be calibrated versus certified pH buffers or by comparison with a pH meter which has been calibrated with certified pH buffers. If the incremental reading of the narrow-range pH paper is within 0.5 pH units, then the agreement between the buffer or the calibrated pH meter with the paper must be within 0.5 pH units.

4.3 pH Meter (optional).

5.0 REAGENTS

5.1 Certified pH buffers: To be used for calibrating the pH paper or for calibrating the pH meter that will be used subsequently to calibrate the pH paper.

5.2 Dilute acid (e.g., 1:4 HCl).

5.3 Dilute base (e.g., 0.1 N NaOH).

6.0 SAMPLE COLLECTION, PRESERVATION, AND HANDLING

6.1 All samples must be collected using a sampling plan which addresses the considerations discussed in Chapter Nine of this manual.

7.0 PROCEDURE

7.1 A representative aliquot of the waste must be tested with wide-range pH paper to determine the approximate pH.

7.2 The appropriate narrow-range pH paper is chosen and the pH of a second aliquot of the waste is determined. This measurement should be performed in duplicate.

7.3 Identification of interference:

7.3.1 Take a third aliquot of the waste, approximately 2 mL in volume, and add acid dropwise until a pH change is observed. Note the color change.

7.3.2 Add base dropwise to a fourth aliquot and note the color change. (Wastes that have a buffering capacity may require additional acid or base to result in a measurable pH change.)

7.3.3 The observation of the appropriate color change is a strong indication that no interferences have occurred.

CAUTION ADDITION OF ACID OR BASE TO SAMPLES MAY RESULT IN VIOLENT REACTIONS OR THE GENERATION OF TOXIC FUMES. PRECAUTIONS MUST BE TAKEN. THE ANALYST SHOULD PERFORM THESE TESTS IN A WELL-VENTILATED HOOD WHEN DEALING WITH UNKNOWN SAMPLES.

8.0 QUALITY CONTROL

8.1 All quality control data must be maintained and available for easy reference or inspection.

8.2 All pH determinations must be performed in duplicate.

8.3 Each batch of pH paper must be calibrated versus certified pH buffers or a pH meter which has been calibrated with certified pH buffers.

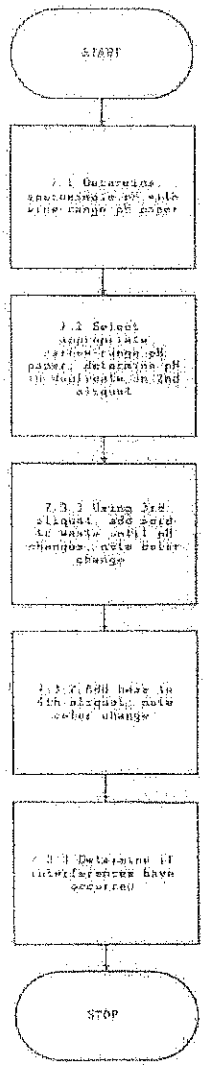
9.0 METHOD PERFORMANCE

9.1 No data provided.

10.0 REFERENCES

10.1 None required.

pH PAPER METHOD



ATTACHMENT B

SPILL PREVENTION, CONTROL AND COUNTERMEASURES PLAN
SPCC

Ortek, Inc.
7601 W. 47th Street
McCook, IL 60525
708-762-5117

SPILL PREVENTION, CONTROL AND COUNTERMEASURES (SPCC) PLAN

Ortek Inc. 7601 West 47th Street McCook, IL 60525

Date of Facility's First Plan: *June 14, 2002*
Date of Last Plan Amendment: *October, 2007*
Date of Last Plan Review: *October, 2007*

Designated staff person(s) responsible for spill prevention: *Lowell Aughenbaugh*
Bob Kolar

EMERGENCY TELEPHONE NUMBERS:

Notification Contacts:

1. Facility Manager, Lowell Aughenbaugh	(cell)	(708) 259-4710
	(home)	(815) 998-2160
2. National Response Center		(800) 424-8802
3. Illinois Emergency Services & Disaster Agency (ESDA)		(800) 782-7860
4. Illinois EPA (Bureau of Land), general phone number		(217) 782-6761
5. Cook County Department of Environmental Control		(312) 603-8200
6. Village of McCook dial 911 for Fire Department or Police		(708) 447-1234
7. Other Ortek Employees, Laurie Witter	(cell)	(630) 417-6399
	(home)	(630) 515-8548
Bob Kolar	(cell)	(708) 415-8813
	(home)	(708) 496-8813
8. Hospitals --	LaGrange Memorial	(708) 352-1200
	MacNeal Hospital	

Clean-Up Contractors:

1. North Branch Environmental (contacts = John or JD)	(630) 529-0240
2. Future Environmental (contacts = Jim, Steve, Tom)	(708) 479-6900
3. Best Environmental (contacts = Bob\Joe Sleyko)	(815) 725-1554
4. Hazchem (contacts = Al, or Chris)	(630) 458-1910
5. Dukes Oil (contact = Gary, or LeRoy)	(630) 860-5689

Supplies and Equipment:

1. North Branch Environmental	(630) 529-0240
2. or any of the other clean-up contractors listed above	

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PROFESSIONAL ENGINEER CERTIFICATION

CERTIFICATION: I hereby certify that I and\or those under my direction have examined the facility and having reviewed this SPPC Plan, attest that the Plan has been prepared in accordance with good engineering practices.

Engineer: Nolan Aughenbaugh Registration Number: 062-047575 State: Illinois

Signature: Nolan Aughenbaugh Date of Plan Certification: October 25, 2007

NOLAN B. AUGHENBAUGH
062-047575
REGISTERED
PROFESSIONAL
ENGINEER
STATE OF ILLINOIS

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN MANAGEMENT APPROVAL

I hereby certify that the necessary resources to implement this Plan have been committed.

Lowell Aughenbaugh

Lowell Aughenbaugh, Facility Manager — 6-14-02 & 10-24-07

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

Please see Attachment A.

NOLAN B. AUGHENBAUGH
REGISTERED PROFESSIONAL
ENGINEER
11542
STATE OF MISSISSIPPI

STATE OF MS
COUNTY OF LAFAYETTE

PERSONALLY APPEARED BEFORE ME, THE UNDERSIGNED AUTHORITY IN AND FOR SAID COUNTY AND STATE, ON THIS 2ND DAY OF NOVEMBER, 2012 LOWELL AUGHENBAUGH EXECUTED THE FOLLOWING DOCUMENT IN MY PRESENCE: PROFESSIONAL ENGINEER CERTIFICATION.

11-2-12

STATE OF MISSISSIPPI
NOTARY PUBLIC
ID # 55861
TOM M. MURPHREE
Commission Expires
Sept. 23, 2014
LAFAYETTE COUNTY

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
COMPLIANCE REVIEW PAGE

In accordance with 40 CFR 112.5(b), a review and evaluation of this SPCC Plan is conducted at least once every three years. These reviews and evaluations are recorded below:

Reviewer (signature)	Reviewer (print)	Date	Comments	Is P.E. re-certification required? Yes or No
1.	Bob Madl \ Lowell Aughenbaugh	6-14-02		yes
2.	Lowell Aughenbaugh	6-03-03		no
3.	Lowell Aughenbaugh	June, 2005		
4.	Lowell Aughenbaugh / Nolan Aughenbaugh	Oct, 2007		

FACILITY INFORMATION

Name:	Ortek Inc.
Mailing Address:	7601 West 47th Street McCook, IL 60525
Street Address:	7601 West 47th Street McCook, IL 60525
Owner:	North American Refining Corp. 7601 West 47th Street McCook, IL 60525
Facility Contact:	Lowell Aughenbaugh (708) 762-5117
Location:	Approximately 1.0 miles north of Interstate I-55 off Harlem Ave. (I-55 Exit 283) then Left (west) on 47th Street. The Site is located in Cook County, Illinois
Facility Description:	Ortek Inc. is an oily waste water treatment facility, used oil recycler (re-refiner), compounder/blender, and packager. The site comprises of approximately 6-acres which is bermed\contained on all sides. The Company owns and operates various equipment including forklifts, backhoes, a crane, man-lift, bobcat (skidsteer), loading docks, truck scale, storage tanks, process equipment, and high & low pressure boilers.
Fixed Storage:	All the storage tanks at the Ortek site are aboveground storage tanks (AST's). A listing of these tanks and related specific information are contained in Appendix C (Storage Tank Data). Total liquid storage capacity: 2,531,870 gallons

Attachment B, contains a facility Plan Map showing the location of storage tanks, process equipment, and the general layout of the facility.

PAST SPILL EXPERIENCE – 40 CFR 112.7 (a)

Description of Spill	Corrective Actions Taken	Plan for Preventing Recurrence
1987 tank pressure release sulfurized lard tank	Area cleaned up / remediated	Personnel training & press safety release installed on process tank

POTENTIAL EQUIPMENT FAILURES – 40 CFR 112.7 (b)

Potential Failure	Spill Direction	Volume Released	Spill Rate
Complete failure of a full tank	Inside Dike Area	Est. 50,000 gallons	Instantaneous Assuming worst case
Partial failure of a full tank	Inside Dike Area	up to 5,000 gallons	Gradual to Instantaneous
Storage Tank, or Tanker overfill, supervised	Inside Dike Area	up to 1,000 gallons	assume 100 gallons / min
Pipe failure	Inside Dike Area Or un-diked area	up to say 1000 gals	assume 100 gallons / min
Small Leak in pipe, flange, valve, or packing	Inside Dike Area Or pump house	up to 100 gallons	Gradual
Tank truck leak or failure	Truck offloading areas	up to 5000 gallons	Gradual to Instantaneous
Hose leak during transfer	Northbound down RR tracks	up to 500 gallons	assume 100 gals / minute
Pump rupture or failure	Pump house or Diked area	up to 500 gallons	assume 100 gals / minute

CONTAINMENT AND DIVERSIONARY STRUCTURES – 40 CFR 112.7 (c)(1)

i. Dikes are provided around the tanks that store various lubricating oils/additives, and other materials across the facility The floor and walls of the containment structures are concrete, or clay earthened dikes. Spills within any containment area are expected to be contained in that area. In addition to tank storage areas being contained, the entire 6-acre Ortek facility is "contained", forming a secondary, backup containment. Earthern and/or concrete berms/walls surround the entire site, with native clay forming the native soil base of the facility. Consultants during the 1970's completed surveying and volume calculations and established that the site as it lays could contain over 4-million gallons of liquid(s) before any spilled material could leave the site.

ii. The loading and unloading area for tanker trucks and/or railcars is also made of concrete\asphalt. However some loading of product materials is completed over unprotected gravel areas. The use of readily available spill equipment would prevent any potential spills from spreading far including Ortek's liquid vacuum truck, backhoe, and other resources available to the company.

iii. The facility operates its own wastewater treatment plant and all drainage of rainwater within the facility flows thru the treatment plant. In addition, there are no sewers located within the facilities boundaries.

iv. Ortek keeps on-hand various absorbent spill pads, absorbent clays, oil booms, numerous portable liquid pumps, vacuum truck, backhoe, case brand skidsteer (bobcat), and other such equipment should a spill ever occur. In addition, most dikes located at this site contain pumps inside each dike that are capable of pumping any spills that may occur within that dike. Ortek works with most of Chicago-Land's top spill response contractors, and as a result generally have these trucks/emergency equipment available to us as well.

DEMONSTRATION OF PRACTICABILITY – 40 CFR 112.7(d)

Ortek Inc. has determined that use of the containment and diversionary structures and the use of readily available spill equipment to prevent discharged oil or other materials/liquids from reaching navigable waterways or sewers are practical and effective at this facility. Probably one of the best demonstrations of this at this site has been past heavy rain events (floods). During flooding events Ortek has been able to evaluate the path spills may take as well as the effectiveness of dikes, containment structures, berms, and\or diversionary structures. Because Ortek treats all it's rainwater, we are in-effect practicing spill procedures every time it rains (although I don't believe we have recorded all this in our spill "training" records).

FACILITY DRAINAGE – 40 CFR 112.7(e)(1)

i. Spills from above ground storage tanks will be restrained by secondary containment. Spills outside of the dike area will be contained by the use of the facilities spill equipment.

ii. Rainwater and/or melting snow is sent to Ortek's own on-site waste water treatment plant.

BULK STORAGE TANKS – 40 CFR 112.7(e)(2)

i. All of the AST's are of Underwriter Laboratories UL-142 construction and/or API 650 and are compatible with the oil or liquid that they contain and the temperature and pressure conditions of storage.

ii. Secondary containment volume is greater than 110 percent of the largest tank in the facility.

iii. 55 gallon drums containing lubricating oil additives or other materials are stored in few common areas and periodically monitored for any signs of leaks.

iv. There are no underground storage tanks (UST's) at the Site.

v. Thickness testing has historically been completed on AST's every five years using a system of non-destructive testing such as ultrasonic or x-ray. Visual inspections of tanks and dikes are performed daily.

vi. Each storage tank (AST) is equipped with a floating level style level gauge. Venting capacity is suitable for the anticipated fill and withdrawal rates. Tank level gauges are checked for accuracy whenever metering product through tested positive displacement meters, and/or measured and marked off on the tank knowing the volume per foot (gallons per foot), for any diameter tank.

vii. Oil leaks that result in a loss of oils from tanks, gaskets, packing, or other sources are generally corrected immediately, with spill pans or a bucket placed under the leak, for example, until the leak can be repaired.

TRANSFER OPERATIONS, PUMPING, AND IN-PLANT PROCESSES – 40 CFR 112.7(e)(3)

i. There is no buried/underground piping in the facility. All piping is above grade.

ii. Pipelines not in service or on standby for an extended period (over 3 months) are capped or blank flanged.

iii. Pipe supports are designed to minimize abrasion and corrosion and to allow for expansion and contraction.

iv. Aboveground pipelines, pumps and valves are examined daily to assess their condition. Clearing a pipeline, along with air pressure testing of the piping can be conducted if any piping section is questioned.

v. Aboveground pipelines do not come in contact with truck or railcar loading/unloading operations.

TANK CAR AND TRUCK LOADING / UNLOADING RACKS – 40 CFR 112.7(e)(4)

i. The tank truck loading and unloading procedures meet the minimum requirements of the U. S. Department of Transportation.

ii. Parking brakes on trucks/railcars are set prior to loading/unloading. We request that all running tanker trucks engines are shut down during these operations.

iii. The lower-most drain and other outlets on each tank trucks/railcar are inspected for leaks prior to and while loading and prior to departure. In addition, the internal safety valves are checked on tank trucks prior to loading and while sampling.

iv. Deliveries and transfers are performed by qualified/trained Ortek Inc. employees.

INSPECTION AND RECORDS - 40 CFR 112.7(e)(8)

Daily visual inspections consist of a complete walk-through of the facility to check the following: piping, equipment and tanks for leakage, concrete\ground for staining and/or discoloring. In addition, tank inventory is taken on all tanks once per working day.

The checklist provided in Attachment D is followed during weekly inspections. These items covered in the inspections are performed in accordance with written procedures such as API standards and with good engineering practices.

SECURITY – 40 CFR 112.7(e)(9)

Ortek Inc. is manned twenty-four hours per day seven days per week. In addition, doors, entrance gates, etcetera are locked and secured during off hours. The facility is generally surrounded by six-foot high fencing at the property boundaries.

i. Valves are closed after each operation at the facility. All pumps are shut off after each operation. There are generally multiple valves on each loading/unloading line so overlooking one valve should not lead to any spills. In addition, sample valves on storage tanks are capped.

ii. The plant is illuminated twenty-four hours per day, and warning signs are posted informing visitors or others that they must check in, or not trespass. In addition, 24-hour, round the clock video surveillance is now recorded for a large portion of the facility.

PERSONNEL TRAINING AND SPILL PREVENTION PROCEDURES-40CFR 112.7 (e)(10)

i. Facility personnel have been instructed by management in the operation and maintenance of pollution prevention equipment and pollution control laws and regulations.

ii. Facility manager, Lowell Aughenbaugh is ultimately responsible for oil spill prevention at this facility. Mr. Bob Kolar also works in this capacity.

iii. Yearly spill prevention briefings are provided by Management for operating personnel to ensure adequate understanding of the SPCC plan. These briefings highlight any past spill events or failures and recently developed precautionary measures. Training includes oil spill prevention, containment, and retrieval methods. A simulation of an on-site vehicular spill has been conducted and future exercises shall be periodically held to prepare for possible spill responses. Also, as discussed earlier, rain events have been useful learning/training experience, as rain accumulation and runoff is evaluated as if the rainwater had been a "spill". New employees are trained concerning the SPCC plan, generally within 2 weeks of starting work.

Instructions and phone numbers regarding the reporting of a spill to the National Response Center and the state are listed on the cover page of this plan and have been posted.

Appendix A

Attachment A

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

FACILITY NAME: Ortek Inc. FACILITY ADDRESS: 7601 W. 47th Street McCook, IL 60525

1. Does the facility transfer oil over water of from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?
   Yes ____ No __X__

2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?
   Yes ____ No __X__

3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the formula in Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula[1]) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Environments" (Section 10, Appendix E, 40 CFR 112 for availability) and the applicable Area Contingency Plan.
   Yes ____ No __X__

4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate (Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula[1]) such that a discharge from the facility would shut down a public drinking water intake[2]?
   Yes ____ No __X__

5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?
   Yes ____ No __X__

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Lowell Aughenbaugh
Name (please type or print)

L. Aughenbaugh
Signature

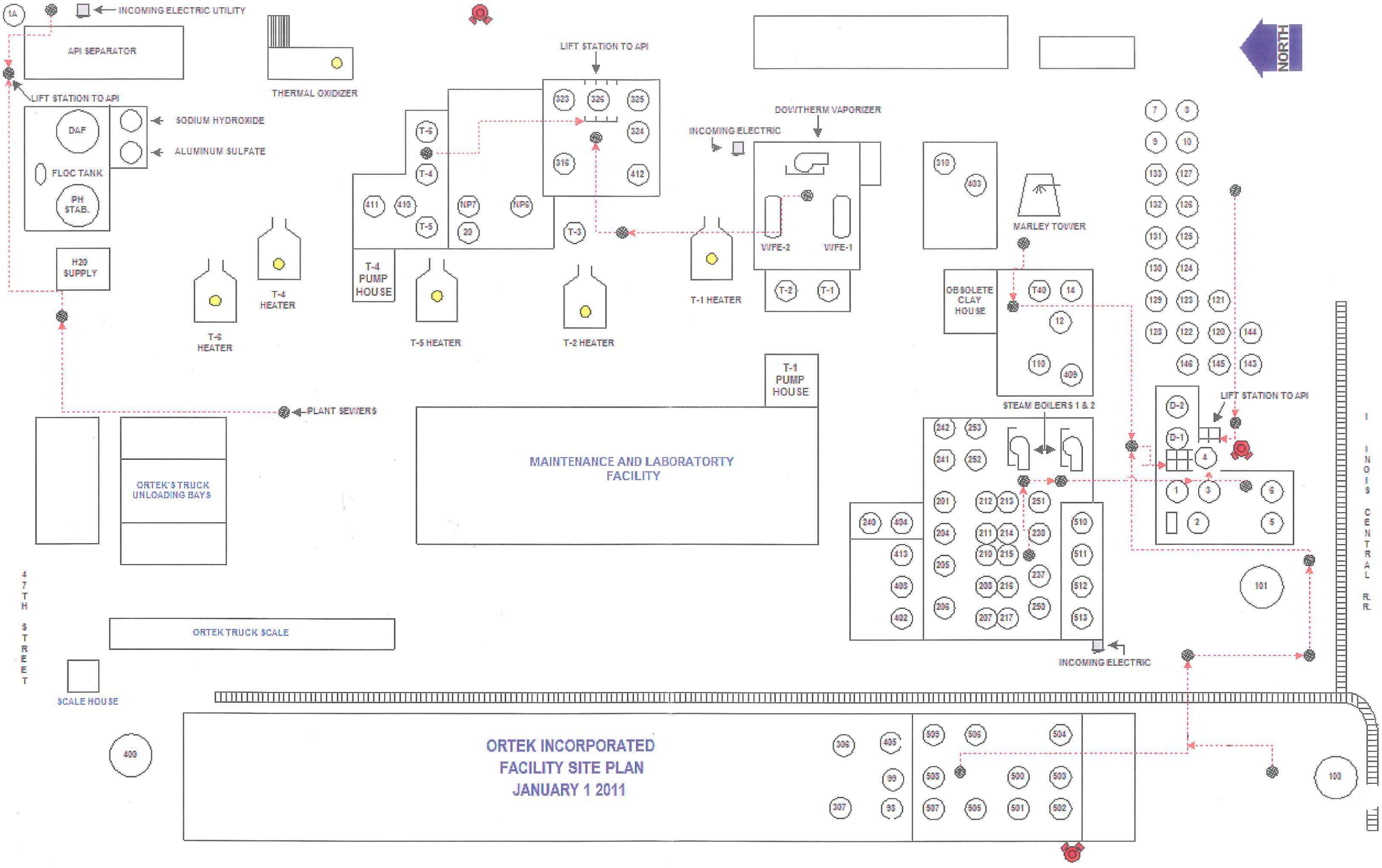
Facility Manager
Title

11-2-12
Date

[1]If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to this form.

[2]For the purposes of 40 CFR part 112, public drinking water intakes are analogous to the public water systems as described at 40 CFR 143.2©. (from 40 CFR 112 Appendix C, Attachment C-II)

Appendix B



INCOMING ELECTRIC UTILITY
API SEPARATOR
LIFT STATION TO API
THERMAL OXIDIZER
DAF
FLOC TANK
PH STAB.
SODIUM HYDROXIDE
ALUMINUM SULFATE
H20 SUPPLY
T-6 HEATER
T-4 HEATER
T-4 PUMP HOUSE
T-5 HEATER
T-2 HEATER
T-1 HEATER
LIFT STATION TO API
INCOMING ELECTRIC
DOWTHERM VAPORIZER
WFE-2
WFE-1
MARLEY TOWER
OBSOLETE CLAY HOUSE
STEAM BOILERS 1 & 2
LIFT STATION TO API
T-1 PUMP HOUSE
PLANT SEWERS
ORTEK'S TRUCK UNLOADING BAYS
MAINTENANCE AND LABORATORTY FACILITY
ORTEK TRUCK SCALE
SCALE HOUSE
47TH STREET
INCOMING ELECTRIC
INOIS CENTRAL R.R.
NORTH
ORTEK INCORPORATED
FACILITY SITE PLAN
JANUARY 1 2011

Appendix C

ORTEK STORAGE TANKS & PROCESS EQUIPMENT - CURRENT

TANK NUMBER	PRODUCT STORED	CAPACITY	YEAR BUILT	DIAMETER	HEIGHT	STATUS	MFG.	S.N.#	gal/in	gal/ft
D-1	NOT IN SERVICE	15,000	1974	12.00	17.75	SAME			70	850
D-2	NOT IN SERVICE	15,000	1977	12.00	17.75	SAME	IMPERIAL	9831	70	850
1	OILY WASTE EMULSIONS	15000	1976	12.00	17.75	SAME	IMPERIAL	9831	70	850
2	OILY WASTE EMULSIONS	15,000	1976	12.00	17.75	SAME			70	850
3	OILY WASTE EMULSIONS	15,000	1976	12.00	17.75	SAME	BACON		70	850
4	OILY WASTE EMULSIONS	21,300	1962	11.00	30.00	SAME			58	700
5	OILY WASTE EMULSIONS	21,300	1962	11.00	30.00	SAME			58	700
6	OILY WASTE EMULSIONS	21,300	1962	11.00	30.00	SAME			58	700
7	#5 FUEL OIL - WET	28,770	1978	11.83	35.00	CHANGE			68	825
8	NOT IN SERVICE	28,770	1978	11.83	35.00	CHANGE			68	825
9	NOT IN SERVICE	28,770	1978	11.83	35.00	CHANGE			68	825
10	NOT IN SERVICE	28,770	1978	11.83	35.00	SCRAP			68	825
20	NOT IN SERVICE	8,000	1972	13.60	16.3	empty			91	1000
98	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE			58	700
99	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE			58	700
100	NOT IN SERVICE	250,000	1954	35.00	36.00	CHANGE			600	7200
101	NOT IN SERVICE	250,000	1954	35.00	36.00	SCRAP	GRAVER	1092	600	7200
110	NOT IN SERVICE	15,000	1964	10.50	23.20	UNKNOWN			54	650
120	#5 FUEL OIL - WET	21,300	1952	11.00	30.00	SAME			58	700
121	#5 FUEL OIL - WET	21,300	1952	11.00	30.00	SAME			58	700
122	#5 FUEL OIL - DRY	21,300	1952	11.00	30.00	SAME			58	700
123	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
124	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
125	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
126	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
127	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
128	WATER SOLUBLE	21,300	1952	11.00	30.00	SAME			58	700
129	WATER SOLUBLE	21,300	1952	11.00	30.00	SAME			58	700
130	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
131	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
132	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
133	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
143	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7428	58	700
144	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7428	58	700
145	#5 FUEL OIL - WET	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7549	58	700
146	#5 FUEL OIL - DRY	21,300	1969	11.00	30.00	SAME	IMPERIAL	7549	58	700
201	FLUSHING OIL	1,500	1962	5.00	10.20	SAME			12	147
204	NOT IN SERVICE	2,100	1958	4.70	16.00	UNKNOWN			11	130
205	NOT IN SERVICE	2,100	1958	4.70	16.00	UNKNOWN			11	130
207	SJR 2000	2,750	1958	5.75	14.00	SAME			16	194
208	SJR 2000	2,750	1958	5.75	14.00	UNKNOWN			16	194
210	SJR 2000	2,750	1958	5.75	14.00	SAME			16	194
211	H CAL 2400	2,750	1958	5.75	14.00	SAME			16	194
212	H CAL 2400	2,750	1958	5.75	14.00	SAME			16	194
213	ELCO 102 BLEND	2,750	1958	5.75	14.00	SAME			16	194
214	NIS	2,750	1958	5.75	14.00	SAME			16	194
215	EXXON 80 NEUTRAL	2,750	1958	5.75	14.00	UNKNOWN			16	194
216	ELCO 102 BLEND	2,750	1958	5.75	14.00	SAME			16	194
217	RIGID DARK TANK	2,750	1958	5.75	14.00	UNKNOWN			16	194
237	INFINEUM 4540	6,200	1962	8.00	16.46	SAME			31.5	378
238	IPC 1500	6,200	1962	8.00	16.46	SAME			31.5	378
240	SK 150 NEUTRAL	19,900	1962	11.00	27.20	CHANGE			58	700
241	ORTEK BASE OIL-150	10,500	1962	11.00	15.00	SAME			58	700
242	INFINEUM SL P 5066	12,000	1962	11.00	17.00	SAME			58	700
250	BLENDING TANK	7,500	1962	8.450	17.87	SAME	GRAVER	46309	35	420
251	BRANNEN SJ	6,200	1962	8.000	16.46	SAME			31.5	378
252	IPC 1500	10,500	1962	11.00	15.00	SAME			58	700

253	BLEND TANK	12,000	1962	11.00	17.00	SAME			56	700
307	NOT IN SERVICE	21,300	1969	11.00	30.00	SCRAP			56	700
309	OUTSIDE FLUSHING OIL	3,170	1964	5.00	15.00	SAME			18	212
310	ASPHALT	21,300	1969	11.00	30.00	SAME			56	700
316	T-1/T-2 LIGHT FUEL	15,500	1969	10.50	24.00	SAME			54	650
323	LIGHT FUEL - API	21,300	1969	11.00	30.00	SAME	IMPERIAL	7427	58	700
324	OILY WASTE EMULSIONS	21,300	1969	11.00	30.00	SAME	IMPERIAL	7548	58	700
325	OILY WASTE EMULSIONS	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7546	58	700
326	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE			58	700
400	NOT IN SERVICE	250,000	1969	35.00	36.00	CHANGE	IMPERIAL	7304	600	7200
402	ORTEK BASE OIL-150	21,300	1969	11.00	30.00	CHANGE			56	700
403	USED OIL	21,300	1969	11.00	30.00	SAME			56	700
404	ORTEK BASE OIL-150	24,500	1976	13.00	25.75	CHANGE			83	993
405	NOT IN SERVICE	24,500	1976	13.00	25.75	CHANGE	GRAVER		83	993
406	CONOCO/CITGO LW	21,300	1969	11.00	30.00	CHANGE			58	700
408	USED OIL	21,300	1969	11.00	30.00	SAME			56	700
410	OILY WASTE EMULSIONS	21,300	1965	11.00	30.00	CHANGE			58	700
411	OILY WASTE EMULSIONS	21,300	1965	11.00	30.00	CHANGE			58	700
412	ORTEK BASE OIL-150	21,300	1969	11.00	30.00	SAME	IMPERIAL	7427	58	700
413	ORTEK BASE OIL-150	21,300	1969	11.00	30.00	CHANGE			58	700
500	C.S. ADDITIVE	19,400	1964	10.50	30.00	CHANGE			54	650
501	EXXON DILUTE ADDITIVE	19,400	1964	10.50	30.00	CHANGE			54	650
502	MO 1 50 cTs	19,400	1964	10.50	30.00	CHANGE			54	650
503	R&O 46 HAZY	19,400	1964	10.50	30.00	CHANGE			54	650
504	MO 1 415 cTs	19,400	1964	10.50	30.00	CHANGE			54	650
505	H CAL 100	21,300	1969	11.00	30.00	SAME			56	700
506	H CAL 200	21,300	1969	11.00	30.00	CHANGE			58	700
507	BASE OIL	19,400	1964	10.50	30.00	SAME			54	650
508	BASE OIL	19,400	1964	10.50	30.00	SAME			54	650
509	BASE OIL	19,400	1964	10.50	30.00	SAME			54	650
510	BLENDED PRODUCT	14,800	1959	10.500	23.00	SAME			54	650
511	BLENDED PRODUCT	14,800	1959	10.500	23.00	SAME			54	650
512	BLENDED PRODUCT	14,800	1959	10.500	23.00	SAME			54	650
513	BLENDED PRODUCT	14,800	1959	10.500	23.00	CHANGE			54	650
NP 6	ORTEK BASE OIL-150	5,800	1972	7.750	16.30	UNKNOWN	IMPERIAL	8485	29.5	353
NP 7	ORTEK BASE OIL-150	5,900	1972	7.750	16.30	CHANGE	IMPERIAL	8485	29.5	353
DT 40	NOT IN SERVICE	5,800	1972	7.750	16.30	UNKNOWN	IMPERIAL	8464	29.5	353
514	ALUM	4,440	1991	8.000	11.63	SAME			31	376
515	CAUSTIC - 50%	4,050	1991	7.830	11.25	SAME			30	360
PH TANK	H20 TREATMENT	14,540	1952	15.00	11.00	SAME				
DAF	H20 TREATMENT	12,890	1952	15.00	9.750	SAME			110	1322
API	H20 TREATMENT	216,000	1945	8.5 x 16.3	105.0	SAME			2120	25,400
T-1 TOWER	USED OIL DISTILLATION	10,600	1973	9.000	20.00	SAME			40	479
T-2 TOWER	USED OIL DISTILLATION	13,380	1975	10.00	20.00	SAME			49	587
T-3 TOWER	NOT IN SERVICE	13,380	1975	10.00	20.00	UNKNOWN			49	587
T-4 TOWER	WET OIL DRYING	13,380	1978	10.00	20.00	UNKNOWN			49	587
T-5 TOWER	NOT IN SERVICE	13,380	1976	10.00	20.00	SAME			49	587
T-6 TOWER	NOT IN SERVICE	13,380	1976	10.00	20.00	SAME			49	587
TOTALS		2,531,870								

Appendix D

Attachment D

WEEKLY FACILITY INSPECTION CHECKLIST

Date:_____	X = Satisfactory
Time:_____	NA = Not Applicable
Inspector:_____	0 = Repair or Adjustment Required
	C = Comment under Remarks/Recommendation

DIKES	
	Any noticeable oil on dike floor
	Dike walls and floor intact, no cracks, etc.

AST's	
	Tank condition good (no noticeable rusting, corrosion, pitting)
	Tank foundation intact and no signs of leaks
	Level gauges working properly
	Vents not obstructed
	Valves, flanges, and gaskets free from leaks

PIPES	
	No leaks at valves, flanges, or other fittings
	No signs of corrosion damage to pipelines or supports

SECURITY	
	Doors have locks

	Fences and gates intact

TRAINING	
	Training records are in order (monthly check)
	Spill prevention briefing held (monthly check)

REMARKS / RECOMMENDATIONS:

Appendix E

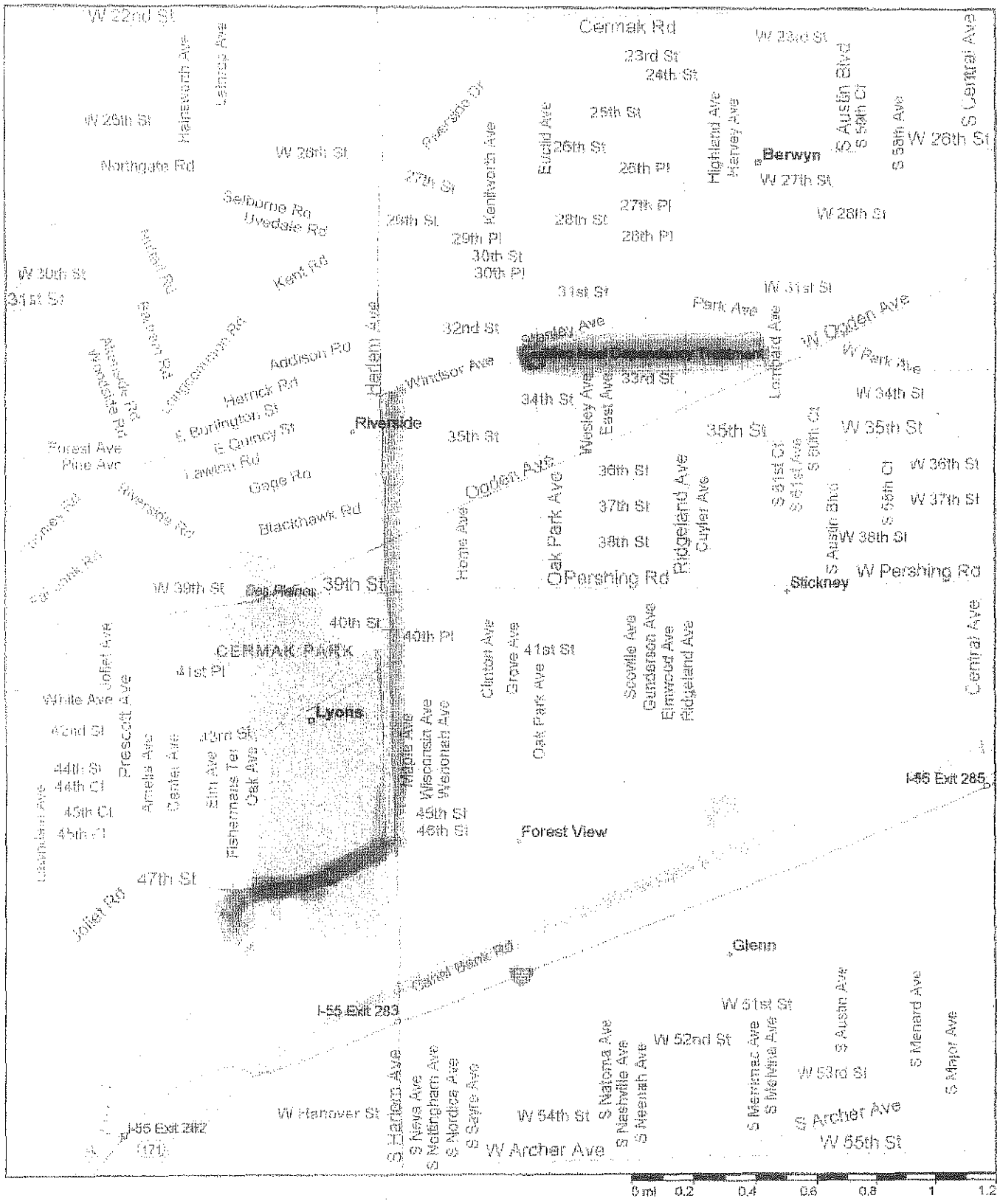
Attachment E

SPCC TRAINING SESSION RECORDS

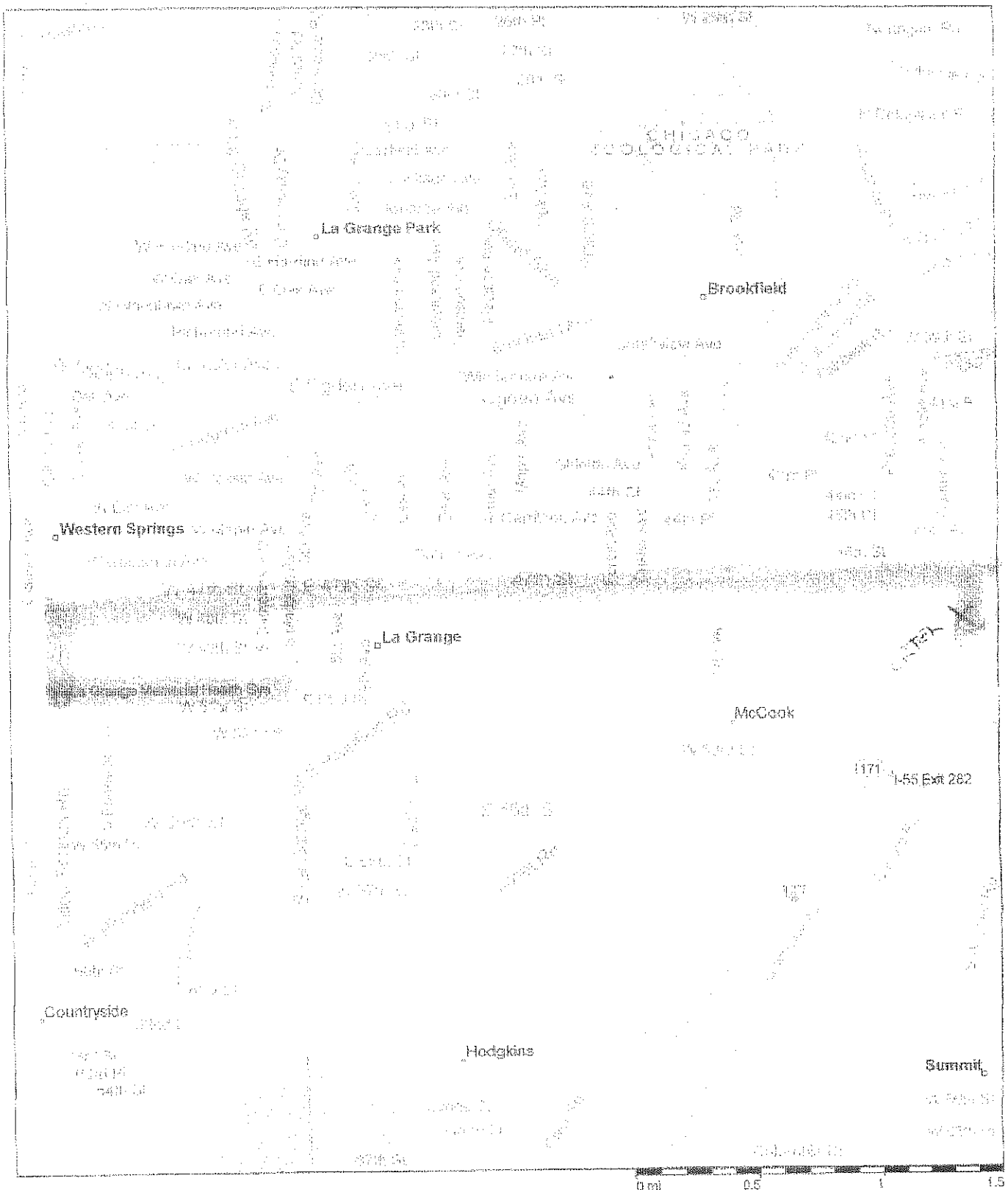
ATTENDEE	SIGNATURE / DATE	INSTRUCTOR

Appendix F

Route to MacNeal Hospital



Route to LaGrange Hospital



ATTACHMENT C

PG 1 ORTEK STORAGE TANKS INVENTORY 11/06/12

TANK #	PRODUCT STORED	CAPACITY	INVENTORY	OWNER	D?W
D-1	NOT IN SERVICE	15,000	0		
D-2	NOT IN SERVICE	15,000	0		
1	used oil/water/emulsified	15,000	0	ORTEK	WET
2	used oil/water/emulsified	15,000	10,000	ORTEK	WET
3	used oil/water/emulsified	15,000	0	ORTEK	WET
4	used oil/water/emulsified	21,300	11,000	ORTEK	WET
5	used oil/water/emulsified	21,300	0	ORTEK	WET
6	used oil/water/emulsified	21,300	5,000	ORTEK	WET
7	FUTURE USED OIL	28,770	15,000	FUTURE	
8	FUTURE USED OIL	28,770	6,000	FUTURE	
9	NOT IN SERVICE	28,770	0		
10	NOT IN SERVICE	28,770	0		
20	NOT IN SERVICE	8,000	0		
98	NOT IN SERVICE	21,300	0		
99	NOT IN SERVICE	21,300	0		
100	used oil/water/solids	250,000	187,200	ORTEK	WET
101	used oil/oily water	250,000	37,750	ORTEK	WET
110	NOT IN SERVICE	15,000	0		
120	used oil /#5 FUEL OIL - WET	21,300	18,000	ORTEK	WET
121	used oil /#5 FUEL OIL - WET	21,300	14,500	ORTEK	WET
122	used oil /#5 FUEL OIL - WET	21,300	18,200	ORTEK	DRY
123	used oil/fuel/emulsified	21,300	18,500	ORTEK	DRY
124	used oil/fuel/emulsified	21,300	2,000	ORTEK	WET
125	used oil/fuel/emulsified	21,300	15,000	ORTEK	DRY
126	used oil/fuel/emulsified	21,300	19,500	ORTEK	DRY
127	used oil/fuel/emulsified	21,300	0	ORTEK	
128	used oil/fuel/emulsified	21,300	12,000	ORTEK	DRY
129	used oil/fuel/emulsified	21,300	0	ORTEK	DRY
130	used oil/fuel/emulsified	21,300	19,000	ORTEK	DRY

131	used oil/fuel/emulsified	21,300	17,500	ORTEK	DRY
132	used oil/fuel/emulsified	21,300	5,000	ORTEK	WET

PG 2 ORTEK STORAGE TANKS INVENTORY 11/06/12

TANK #	PRODUCT STORED	CAPACITY	INVENTORY	OWNER	D?W
133	used oil/fuel/emulsified	21,300	18,500	ORTEK	DRY
143	used oil/fuel/emulsified	21,300	16,500	ORTEK	DRY
144	used oil/fuel/emulsified	21,300	16,200	ORTEK	WET
145	used oil/fuel/emulsified	21,300	16,800	ORTEK	DRY
146	used oil/fuel/emulsified	21,300	18,300	ORTEK	DRY
201	product for blending / flush tank	1,500	0	ORTEK	
204	NOT IN SERVICE	2,100	0	ORTEK	
205	NOT IN SERVICE	2,100	0	ORTEK	
207	SJR 2000 motor oil additive	2,750	0	ORTEK	
208	SJR 2000	2,750	0	ORTEK	
210	SJR 2000	2,750	0	ORTEK	
211	H Cal 2400 lube oil additive	2,750	0	ORTEK	
212	H CAL 2400	2,750	0	ORTEK	
213	ELCO 102 BLEND	2,750	0	ORTEK	
214	NIS	2,750	0	ORTEK	
215	EXXON 80 NEUTRAL	2,750	0	ORTEK	
216	ELCO 102 BLEND	2,750	0	ORTEK	
217	RIGID DARK TANK	2,750	0	ORTEK	
237	INFINEUM 4540 VI	6,200	1,500	ORTEK	
238	IPC 1500	6,200	0	ORTEK	
240	SK 150 NEUTRAL	19,900	0	ORTEK	
241	ORTEK BASE OIL-150	10,500	0	ORTEK	
242	INFINEUM SL P 5066	12,000	0	ORTEK	
250	BLENDING TANK	7,500	0	ORTEK	
251	BRANNEN SJ	6,200	0	ORTEK	
252	IPC 1500	10,500	0	ORTEK	
253	BLEND TANK	12,000	0	ORTEK	
307	NOT IN SERVICE	21,300	0	ORTEK	

300	OUTSIDE FLUSHING OIL	3,170	1,100	ORTEK	
310	refinery distallation asphalt	21,300	0	ORTEK	

PG 3 ORTEK STORAGE TANKS INVENTORY 11/06/12

TANK #	PRODUCT STORED	CAPACITY	INVENTORY	OWNER	D?W
316	T-1/T-2 LIGHT FUEL/overhead distillate	15,500	0	ORTEK	
323	LIGHT WET FUEL - API	21,300	3000	ORTEK	
324	OILY WASTE EMULSIONS	21,300	0	ORTEK	
325	OILY WASTE EMULSIONS	21,300	0	ORTEK	
326	50/50	21,300	3500	ORTEK	
400	FUTURES OIL	250,000	23-feet, 2-in	FUTURE	
402	ORTEK BASE OIL-150	21,300	0	ORTEK	
403	USED OIL	21,300	18000	ORTEK	
404	ORTEK BASE OIL-150	24,500	0	ORTEK	
405	NOT IN SERVICE	24,500	0	ORTEK	
408	CONOCO/CITGO LW	21,300	0	ORTEK	
409	USED OIL	21,300	0	ORTEK	
410	GLYCOL	21,300	0	ORTEK	
411	GLYCOL	21,300	0	ORTEK	
412	ORTEK BASE OIL-150	21,300	0	ORTEK	
413	ORTEK BASE OIL-150	21,300	0	ORTEK	
500	BASE OIL	19,400	0	ORTEK	
501	BASE OIL	19,400	0	ORTEK	
502	BASE OIL	19,400	0	ORTEK	
503	BASE OIL	19,400	0	ORTEK	
504	BASE OIL	19,400	0	ORTEK	
505	BASE OIL	21,300	0	ORTEK	
506	BASE OIL	21,300	0	ORTEK	
507	BASE OIL	19,400	0	ORTEK	
508	BASE OIL	19,400	0	ORTEK	
509	BASE OIL	19,400	0	ORTEK	
510	BLENDED PRODUCT	14,800	0	ORTEK	
511	BLENDED PRODUCT	14,800	0	ORTEK	
512	BLENDED PRODUCT	14,800	0	ORTEK	
513	BLENDED PRODUCT	14,800	0	ORTEK	
514	ALUM SULFATE	4,440	800	ORTEK	
515	CAUSTIC - 50%	4,050	1,200	ORTEK	
NP 6	ORTEK BASE OIL-150	5,800	0	ORTEK	
NP 7	ORTEK BASE OIL-150	5,800	0	ORTEK	
DT 40	NOT IN SERVICE	5,800	0	ORTEK	
T-1 TOWER	NOT IN SERVICE	10,600	0	ORTEK	
T-2 TOWER	USED OIL DISTILLATION	13,380	6,500	ORTEK	
T-3 TOWER	NOT IN SERVICE	13,380	0	ORTEK	
T-4 TOWER	used oil/fuel/emulsified	13,380	10000	ORTEK	

T-5 TOWER	NOT IN SERVICE	*13,380*	0	ORTEK	
T-6 TOWER	NOT IN SERVICE	*13,380*	0	ORTEK	

ATTACHMENT D

MATERIAL PROFILE SHEET

Profile # _____

A. Billing Information (Written price quotes and inquires will be sent to this address.)

Company _____ Account # _____

Address _____

City/State _____ Zip _____ Contact _____

Phone _____ Fax _____

B. Generator Information/Location of Waste

Generator Name _____ Technical Contact _____

Premise Address _____

City/State _____ Zip _____

Contact Phone _____ Contact Fax _____

Type of Business Activity _____ SIC Code _____

C. Waste Description

Common Name of Waste _____

Process Generating Waste _____

Other Process Information _____

_____

Source of Waste

❒ Unused Product or Chemical
❒ Waste by-product from process
❒ Spill clean up
❒ Planned Site Remediation
❒ Other _____

D. Physical Properties (at 25° C or 77° F)

Physical State

❒ 100% Solid Without Free Liquid
❒ 100% Liquid With No Solids
❒ Liquid/solid mixture
_____ % Free Liquid
_____ % Settled Solids
_____ % Total Suspended Solids

Number of Phases/Layers

❒ 1 ❒ 2 ❒ 3

% By Volume (Approx.)

Top	*Middle*	*Bottom*
_____	_____	_____

Odor

❒ None
❒ Mild
❒ Strong
Describe: _____

Color

❒ Transparent
❒ Translucent
❒ Opaque
Describe: _____

Flash Point

❒ < 73° F
❒ 73° - 100° F
❒ 101° - 140° F
❒ 141° - 200° F
❒ > 200° F

pH

❒ < 2
❒ 2.1 – 4.9
❒ 5.1 - 9
❒ 9.1 – 12.5
❒ > 12.5

Specific Gravity (gm/ml)

❒ < 0.8 (e.g. Petroleum)
❒ 0.8 – 1.0 (e.g. Water/Petroleum)
❒ 1.0 (e.g. Water)
❒ 1.0 – 1.2 (e.g. Antifreeze)
❒ > 1.2 (e.g. Methylene Chloride)

Viscosity

❒ Low (e.g. Water)
❒ Medium (e.g. Motor Oil)
❒ High (e.g. Molasses)

E. Volume

Anticipated Volume: _____ ❒ Drums ❒ Bulk ❒ Other _____

Generation Frequency: ❒ One Time ❒ Batch ❒ Continuous

Estimated Shipment Frequency: ❒ Weekly ❒ Semimonthly ❒ Monthly ❒ Quarterly ❒ Other _____

F. Composition (Must add up to 100%. Include inert materials and/or debris if applicable.)

_____	_____ %	_____	_____ %
_____	_____ %	_____	_____ %
_____	_____ %	_____	_____ %
		Total	_____ %

G. Constituents Attach all available data including Lab analysis and MSDS's

These values are based on ☐ knowledge ☐ testing ☐ none in this section present

INORGANIC

RCRA Regulated Metals	Regulatory Level (mg/l)	Conc. (mg/l)
D004 Arsenic	5.0	_____
D005 Barium	100.0	_____
D006 Cadmium	1.0	_____
D007 Chromium	5.0	_____
D008 Lead	5.0	_____
D009 Mercury	0.2	_____
D010 Selenium	1.0	_____
D011 Silver	5.0	_____

Other	Conc. (mg/l)
Ammonia	_____
Phosphorus	_____
Formaldehyde	_____
COD	_____
Total Solids	_____
PCBs	_____
Dioxins	_____

Pesticides/Herbicides	Regulatory Level (mg/l)	Conc. (mg/l)
D012 Endrin	0.02	_____
D013 Lindane	0.4	_____
D014 Methoxychlor	10.0	_____
D015 Toxaphene	0.5	_____
D016 2,4-D	10.0	_____
D017 2,4,5-TP (Silvex)	1.0	_____
D020 Chlordane	0.03	_____
D031 Heptachlor (and its expoxide)	0.008	_____

OTHER METALS: Conc. (mg/l)

Copper	_____	Cobalt	_____	Titanium	_____
Nickel	_____	Tin	_____	Vanadium	_____
Zinc	_____	Molybdenum	_____		

ORGANIC

Volatile Compounds	Regulatory Level (mg/l)	Conc. (mg/l)
D018 Benzene	0.5	_____
D019 Carbon Tetrachloride	0.5	_____
D021 Chlorobenzene	100.0	_____
D022 Chloroform	6.0	_____
D028 1,2-Dichloroethene	0.5	_____
D029 1,1-Dichloroethylene	0.7	_____
D035 Methyl Ethyl Ketone	200.0	_____
D039 Tetrachloroethylene	0.7	_____
D040 Trichioroethlene	0.5	_____
D043 Vinyl Chloride	0.2	_____

Semi-Volatile Compounds	Regulatory Level (mg/l)	Conc. (mg/l)
D023 o-Cresol	200.0	_____
D024 m-Cresol	200.0	_____
D025 p-Cresol	200.0	_____
D026 Cresol (Total)	200.0	_____
D027 1,4-Dichlorobenzene	7.5	_____
D030 2,4-Dinitrotoluene	0.13	_____
D032 Hexchlorobenzene	0.13	_____
D033 Hexachlorobutadiene	0.5	_____
D034 Hexachloroethane	3.0	_____
D036 Nitrobenzene	2.0	_____
D037 Pentachlorophenol	100.0	_____
D038 Pyridine	5.0	_____
D041 2,4,5-Trichlorophenol	400.0	_____
D042 2,4,6-Trichlorophenol	2.0	_____

Other Hazards

- ☐ Water Reactive
- ☐ OSHA Regulated Carcinogens
- ☐ Oxidizer
- ☐ Reducer
- ☐ Infectious
- ☐ Thermally Sensitive
- ☐ Corrosive
- ☐ Other _____

H. Regulatory Status

RCRA Hazardous Waste (per 40CFR261)? ☐ Yes ☐ No

State Hazardous Waste? ☐ Yes ☐ No

USDOT Hazardous Material? ☐ Yes ☐ No

Used Oil (per 40CFR279)? ☐ Yes ☐ No

If yes to any, describe _____

I. Sample Status

Representative sample has been supplied? ☐ Yes ☐ No Sampled by:_____ Date Sampled:_____

J. Section 739.110(b).

b) The rebuttable presumption for used oil of Section 739.110(b)(1)(B) applies to used oil managed by generators. Under the rebuttable presumption for used oil of Section 739.110(b)(1)(B), used oil containing greater than 1,000 ppm total halogens is presumed to be a hazardous waste and thus must be managed as hazardous waste and not as used oil unless the presumption is rebutted. However, the rebuttable presumption does not apply to certain metalworking oils and fluids and certain used oils removed from refrigeration units.

K. Generators Certification

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples are representative of the actual waste. If Ortek, Inc. discovers a discrepancy during the approval process, generator grants Ortek, Inc. the authority to amend the profile as Ortek, Inc. deems necessary to reflect the discrepancy.

Generator's Signature	Name (print)	Date
_____	_____	_____

ORTEK Lab (Pre Approval)

ORTEK, Lab Evaluation, Annual, Acceptance, Pre-Approval rev. Jan. 2007

Date: _____

Generator: _____

Process\Product\Waste Description: _____

Wastewater, Coolant\Emulsified, Oil\Fuel, Glycol, Other

used oil on-spec Limits

Metals (by ICP/MS, SW6020/SW3005A)				
Parameter	Result	RCRA Limit	Units	
Total Metals				
Arsenic	OK	5.0	mg/L (ppm)	Antimony, Cobalt, Molybdenum, Silicon
Barium	OK	100.0	mg/L (ppm)	Cyanide
Cadmium	OK	1.0	mg/L (ppm)	Titiniuim
Chromium	OK	5.0	mg/L (ppm)	
~~Copper~~			mg/L (ppm)	
Lead	OK	5.0/100	mg/L (ppm)	Permit Condition 8a (p.10) suggests checking for
~~Magnesium~~			mg/L (ppm)	Metals of Concern using ASTM method E-1097
~~Nickel~~			mg/L (ppm)	Direct Current Plasma
Selenium	OK	1.0	mg/L (ppm)	Emission Spectrometry
Silver	OK	5.0	mg/L (ppm)	
~~Tin~~			mg/L (ppm)	
~~Zinc~~			mg/L (ppm)	
Mercury		0.2	mg/L (ppm)	

Arsenic 5ppm

Cad = 2 ppm

Chrom = 10

Lead = 10

DCP

Parameter	Results	Limit	Comments
pH	OK	2-12.5	Hazardous outside this pH range
Water \ BS&W \ Solids \ oil			
Visual Appearance			
Characteristics			
Flash Point	OK		
Treatability, Ortek specific	OK		
Specific Gravity (water = 1)			
PCBs	OK	2 ppm	Operating Permit Condition 9 (p.10) PCB ≤ 1 50ppm used oil Regs
P, Zn, S			
Total Halogens (x-ray fluorescence)	OK	1000	> 1000 rebutt

Flash 100°F min

total Halogens 400 ppm

Rebutable Presumption if Halogens Cl > 1000ppm (VOCs by e.g. Method 8260B/5030B) no individual Chlorinated >100 ppm

Full TCLP on non-used-oil wastes & waste Glycols

Cyanide (CWT limit of 136 ppm requires monitoring) Titinium

Corporate Office:
19701 S. 97th Ave
Mokena, IL 60448
(708) 479-6900
(866) 579-6900
(708) 479-6890 fax

FUTURE ENVIRONMENTAL, INC.

Licensed Special Waste Hauler

Serving Today's Petroleum Industry

www.futureenvironmental.com

000000P

2018 S. Darst Street
Peoria, IL 61607
Special Waste Hauler #3922
US EPA # ILR000143040
IL EPA # 1430656650

Servicing the Midwest: Illinois Indiana Iowa Michigan Missouri Ohio Wisconsin

Generator/Customer	Job Site
Name:	Name:
Address:	Address:
City, State, Zip:	City, State, Zip:
Contact:	Phone:

Type of Recyclable Product/Waste	Quantity	Price Per Gal/Unit	Total
Non-Hazardous Used Oil			Ck#
Used Anti-freeze			
Non-Hazardous Waste Water			
Non-Hazardous Sludge			
Service / Truck Charge			
Demurrage Charges			
On-Spec Used Oil Delivered			
Used Oil Filter Pick-up			
Non-Hazardous Drum Pick-up			
Parts Washer - Delivery / Service			
On Site Time	Start	Finish	
Port to Port Time	Start	Finish	

Scope of Work Performed: _____

Driver's Name: (printed) Date:

Manifest # Customer PO #

Generator Certification
I (generator) 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 national government regulations as a non hazardous/non PCB waste. I also hereby certify to pay all cost associate with disposal of any non disclosed hazardous/PCB waste found to be in this shipment. I certify that the waste minimization statement identified in 40 DFR 262.27(a) (if I am a large quantity hazardous waste generator) or (b) (if I am a small quantity generator) is true

Customer Signature Date _____ Phone (_____) _____

6/34

D74203185 SC PFW 3/3/2011

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: IL0000646786	2. Page 1 of 2	3. Emergency Response Phone: (800) 483-3718	4. Manifest Tracking Number: 005228883 FLE

5. Generator's Name and Mailing Address
Orlek Inc
7601 West 47th Street
McCook, IL 60525
Generator's Phone: (708) 762-5117

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc — U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC — U.S. EPA ID Number: MAD 039322250

8. Designated Facility Name and Site Address
Clean Harbors Aragonite LLC
11600 North Aptus Road
Grantsville, UT 84029
Facility's Phone: (435) 884-8100
U.S. EPA ID Number: UTD981552177

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. UN2315, POLYCHLORINATED BIPHENYLS, LIQUID, 9, PG III	001	PM	54	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1 CHSS5886 EDG#171
OUT OF SERVICE DATE: 2-2-12
1X30 UNIQUE ID#: 760103212012

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: Robert Kolar — Signature: Robert Kolar — Month 03 Day 21 Year 12

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Miguel Garcia — Signature: [signature] — Month 03 Day 21 Year 12
Transporter 2 Printed/Typed Name: ZIG AMBROZEK — Signature: [signature] — Month 4 Day 1 Year 12

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.
H040			

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] — Signature: [signature] — Month 4 Day 12 Year 12

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

ATTACHMENT E

From: Rec'd 4/14/11

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

March 31, 2011

Client: RS Used Oil Service, Inc.
Address: 25903 S.Ridgeland
Monee, IL 60449

Date Collected: 03/29/2011
Date Received: 03/30/2011
Project #: Rock Ford Products
Client ID #: RP32911
Laboratory ID #: 1105928-01
Matrix: Liquid

Parameter	Method	Results	Date of Analysis
% Water	D6304	2.41%	03/31/2011
API	D4052	24.0	03/31/2011
Arsenic	6010	<1.0ppm	03/30/2011
Ash	D482-02	0.55%	03/31/2011
BTU/gal	D-240-09	136381/gal	03/31/2011
BTU/lb	D-240-09	17997/lb	03/31/2011
Cadmium	6010	0.29ppm	03/30/2011
Chromium	6010	<4.0ppm	03/30/2011
Flash Point	1010	>200°F	03/30/2011
Lead	6010	4.6ppm	03/30/2011
PCB	8082	<1.0ppm	03/30/2011
Sulfur, Wt%	D-4294	0.8847%	03/31/2011
Total Halogen, PPM	9075	6824ppm	03/31/2011
Viscosity SUS@100F	D-445	369	03/31/2011

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

March 31, 2011

Client: RS Used Oil Service, Inc.
Address: 25903 S.Ridgeland
Monee, IL 60449

Date Collected: 03/29/2011
Date Received: 03/30/2011
Project #: Rock Ford Products
Client ID #: RP32911
Laboratory ID #: 1105928-01
Analysis: Chlorinated VOC
Method: 8260
Matrix: Liquid
Date of Analysis: 03/30/2011
Analyst: MS

Chlorinated VOC

Parameter	Reporting Limit (ppm)	Results (ppm)
1,1,1,2-Tetrachloroethane	5.0	BRL
1,1,1-Trichloroethane	5.0	BRL
1,1,2,2-Tetrachloroethane	5.0	BRL
1,1,2-Trichloroethane	5.0	BRL
1,1-Dichloroethane	5.0	BRL
1,1-Dichloroethene	5.0	BRL
1,1-Dichloropropene	5.0	BRL
1,2,3-Trichlorobenzene	5.0	BRL
1,2,3-Trichloropropane	5.0	BRL
1,2,4-Trichlorobenzene	5.0	BRL
1,2-Dibromo-3-chloropropane	5.0	BRL
1,2-Dichlorobenzene	5.0	BRL
1,2-Dichloroethane	5.0	BRL
1,2-Dichloropropane	5.0	BRL
1,3-Dichlorobenzene	5.0	BRL
1,3-Dichloropropane	5.0	BRL
1,4-Dichlorobenzene	5.0	BRL
2,2-Dichloropropane	5.0	BRL
2-Chlorotoluene	5.0	BRL
4-Chlorotoluene	5.0	BRL
Bromochloromethane	5.0	BRL
Bromodichloromethane	5.0	BRL

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

March 31, 2011

Client: RS Used Oil Service, Inc.
Address: 25903 S.Ridgeland
Monee, IL 60449

Date Collected: 03/29/2011
Date Received: 03/30/2011
Project #: Rock Ford Products
Client ID #: RP32911
Laboratory ID #: 1105928-01
Analysis: Chlorinated VOC
Method: 8260
Matrix: Liquid
Date of Analysis: 03/30/2011
Analyst: MS

Chlorinated VOC

Parameter	Reporting Limit (ppm)	Results (ppm)
Carbon Tetrachloride	5.0	BRL
Chlorobenzene	5.0	BRL
Chloroethane	5.0	BRL
Chloroform	5.0	BRL
Chloromethane	5.0	BRL
cis-1,2-Dichloroethene	5.0	BRL
Dibromochloromethane	5.0	BRL
Dichlorodifluoromethane	5.0	BRL
Hexachlorobutadiene	5.0	BRL
Methylene Chloride	5.0	BRL
Tetrachloroethene	5.0	BRL
trans-1,2-Dichloroethene	5.0	BRL
Trichloroethene	5.0	BRL
Trichlorofluoromethane	5.0	BRL
Vinyl Chloride	5.0	BRL
Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	5.0	BRL

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

95306

Customer RS USED OIL

Truck No. 969 / T590

Address MOLINE IL

Rail Car No.

Carrier RS

Unloaded By

1st load

77500 GROSS

29640 TARE

47860 NET

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

73

Type Oil

To Tank 500

Gross Gals. 6556 6301

Ded.

Net Gals.

WEIGHER

SHIPPER

Driver's Signature

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 2010300031

2. Page 1 of 1

3. Emergency Response Phone: 708 524 9200

4. Manifest Tracking Number: 008131901 JJK

5. Generator's Name and Mailing Address: ROCKFORD PRODUCTS, 707 HARRISON AVE, ROCKFORD IL 61109

Generator's Site Address (if different than mailing address):

Generator's Phone: 815-229-4375

6. Transporter 1 Company Name: [illegible] Services Inc — U.S. EPA ID Number: [illegible]

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

8. Designated Facility Name and Site Address: [illegible] Inc, 7001 W 47th St, McCook IL 60525 — U.S. EPA ID Number: [illegible]

Facility's Phone: 708 783-5117

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
	1. Non Hazardous Wastewater Liquid	001	TT	6523	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

TICKET VIOL# 56111 TRANSPORTER# UPV07561161AL IL ID# 1970685039

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: Dan Burke — Signature: Dan Burke — Month 4 Day 14 Year 2011

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVE GLASSER — Signature: [signature] — Month 04 Day 14 Year 11
Transporter 2 Printed/Typed Name — Signature — Month Day Year

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.

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: Robert Kolar — Signature: Robert Kolar — Month 4 Day 14 Year 11

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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

TRANSPORTER'S COPY

RS Used Oil Services, Inc. SERVICE ORDER No. 55112

25903 South Ridgeland Ave
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
JS DOT # 758189

Location Performing Service
25903 S. Ridgeland Ave.
Monee, IL 60449
(708) 534-9300
EPA ID # ILR000103184

Date: 04/14/2011

Manifest #

Route #

Generator/Customer/Job Site:
Name: ORTEK OIL CO
Address: 7601 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-762-5117

Contractor:
Name: ORTEK OIL CO
Address: 7601 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-762-5117

Purchase Order Number:

Burner's USEPA ID #:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
	Non-Hazardous Used Oil Collected					
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
6556 GA	On-Spec Used Oil Delivered			77500	29640	47860

Generator Certification: I, the generator (or agent for) of this product, hereby certify that the waste identified on this document does not contain or has not come in contact with a hazardous waste listed under 40 CFR 261.30 - 261.33 and is non-hazardous according to 40 CFR 261.1- 261.20. I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of our knowledge, this company and facility does not generate waste that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify in writing RS Used Oil Services, Inc. and submit all request forms. Disposal of such materials will be performed upon approval of RS Used Oil Services, Inc. Used oil contained within non-hazardous special waste collected in LA is subject to regulation by the LA DEQ under LAC Gov. Chapter 41, Subpart C.
Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-239-1000

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCB's regulated by TSCA, 40 CFR 761.

Customer agrees to pay a late charge of 1% per month on any invoice, which is not paid within 30 days of invoice date. Customer also agrees to pay any attorney's fees and court costs in the event it becomes necessary to initiate legal proceedings to collect the invoice.

Printed Customer Name: [illegible] Customer Signature: [signature] Date: 4/14/11

Arrival Time: Begin Loading: End Loading: Depart Time:

Remarks:
TANKER

Next Service Date: Oil Filter

Driver Name: D Glaeser Driver Signature: [signature]

Office Use Only
Payment Received From Customer Yes No (To Be Invoiced)
Amount Check Cash

Office Use Only
Amount Check Cash Credit Card

CUSTOMER

RS Used Oil Services, Inc. SERVICE ORDER No.

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax. (708) 534-9400
EPA ID # ILR000103184
US DOT # 758189

Location Performing Service

Date:

Manifest #

Route #

Generator/Customer/Job Site:
Name:
Address:
City, State, Zip:
Phone Number:

Contractor:
Name:
Address:
City, State, Zip:
Phone Number:

Purchase Order Number:	**Burner's USEPA ID #:**

Quantity	Description	Unit Price	Total	Gross	Tare	Net
	Non-Hazardous Used Oil Collected					
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
	On-Spec Used Oil Delivered					

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Printed Customer Name _____ Customer Signature _____ Date _____

Arrival Time: _____ Begin Loading: _____ End Loading: _____ Depart Time: _____

Remarks:

Next Service Date: Oil _____ Filter _____

Driver Name _____ Driver Signature _____

Office Use Only	**Office Use Only**
Payment Received From Customer Yes No (To Be Invoiced)	
Amount _____ Check Cash	Amount _____ Check Cash Credit Card

DRIVER

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

95472

Customer [illegible]

Address

Carrier RS

Truck No. 930

Rail Car No.

Unloaded By

Gross Weight:	22080 lb
Tare Weight:	00 lb
Net Weight:	22080 lb
09 Mar 2011	14:20:17

GROSS

TARE

NET

Gross Weight:	53000 lb
Tare Weight:	00 lb
Net Weight:	53000 lb
09 Mar 2011	13:16:52

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil Oil/used

To Tank #500

Gross Gals. Ded. Net Gals.

Driver's Signature [signature]

WEIGHER

SHIPPER

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

95454

Customer RS

Address

Carrier

Truck No. 941

Rail Car No.

Unloaded By

GROSS	Gross Weight:	38400 lb
TARE	Tare Weight:	00 lb
NET	Net Weight:	38400 lb

06 Mar 2011 07:57:46

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Gross Weight: 38400 lb
Tare Weight: 00 lb
Net Weight: 38400 lb
06 Mar 2011 07:57:46

Type Oil Good Oil To Tank 500

Gross Gals. Ded. Net Gals. 501

WEIGHER

SHIPPER

Driver's Signature

RS Used Oil Services, Inc. SERVICE ORDER

No. 56590

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
US DOT # 758189

Location Performing Service

Date: 5-6-11

Manifest # 00813906, 00813907

Route # 1

Generator/Customer/Job Site:
Name: ORTEK Oil Co.
Address: 7601 W. 47th St.
City, State, Zip: McCook IL 60525
Phone Number: 708-762-5117

Contractor:
Name:
Address:
City, State, Zip:
Phone Number:

Purchase Order Number:

Burner's USEPA ID #:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
	Non-Hazardous Used Oil Collected					
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
501	On-Spec Used Oil Delivered	.95	$475.95			

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Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-239-1000

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Printed Customer Name: X Robert Kolar Customer Signature: X Robert Kolar Date: 5-6-11

Arrival Time: _____ Begin Loading: _____ End Loading: _____ Depart Time: _____

Remarks:

Next Service Date: Oil _____ Filter _____

Driver Name: Tyler Schiessle Driver Signature: [signature]

Office Use Only
Payment Received From Customer Yes (No (To Be Invoiced))
Amount $475.95 Check Cash

Office Use Only
Amount _____ Check Cash Credit Card

1008753357
1008753358

DRIVER

RS Used Oil Services, Inc. SERVICE ORDER No. 55497

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
US DOT # 758189

Location Performing Service
25903 S. Ridgeland Ave.
Monee, IL 60449
(708) 534-9300
EPA ID # ILR000103184

Date: 05/02/2011
Manifest # 008131928
Route # 102

Generator/Customer/Job Site:
Name: ORTEK OIL CO.
Address: 7601 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-782-5117

Contractor:
Name: ORTEK OIL CO.
Address: 7601 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-782-5117

Purchase Order Number:
Burner's USEPA ID #:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
4049	Non-Hazardous Used Oil Collected	.95	$3846.55			
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
4049	On-Spec Used Oil Delivered					

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Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-239-1000

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Printed Customer Name: Leonardo Ortega Customer Signature: L. O. Date: 5-2-11

Arrival Time: Begin Loading: End Loading: Depart Time:

Remarks:
TANKER

Next Service Date: Oil Filter

Driver Name: G Meyer Driver Signature:

Office Use Only
Payment Received From Customer Yes (No (To Be Invoiced))
Amount $3,846.55 Check Cash

Office Use Only
Amount Check Cash Credit Card

DRIVER

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

95412

Customer RS USED OIL

Truck No. 947

Address

Rail Car No.

Carrier RS USED OIL

Unloaded By

GROSS

TARE

NET

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil

To Tank 500

Gross Gals.

Ded.

Net Gals. 4049

WEIGHER

SHIPPER

Driver's Signature

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

95546

Customer RS Used Oil Services

Address Monee, Ill

Carrier

Truck No. 919-T340

Rail Car No.

Unloaded By

GROSS	Gross Weight:	55720 lb
TARE	Tare Weight:	00 lb
NET	Net Weight:	55720 lb
	17 Nov 2011	16:34:05

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil High Chlorine

To Tank 500

Gross Gals. 3100

Ded.

Net Gals.

Driver's Signature Dave Leggatt

WEIGHER

SHIPPER

RS Used Oil Services, Inc. SERVICE ORDER

No. 55829

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
JS DOT # 758189

Location Performing Service
25903 S. Ridgeland Ave
Monee IL 60449
(708) 534-9300
EPA ID # ILR000103184

Date: 05/17/2011

Manifest #

Route #

Generator/Customer/Job Site:
Name: ORTEK OIL CO.
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-782-5117

Contractor:
Name: ORTEK OIL CO.
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-782-5117

Purchase Order Number:

Burner's USEPA ID #:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
	Non-Hazardous Used Oil Collected					
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
	On-Spec Used Oil Delivered					
3100 gal	high chlorine oil	95				

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Printed Customer Name Robert Kola Customer Signature [signature] Date 5-17-11

Arrival Time: 4:45 Begin Loading: _____ End Loading: _____ Depart Time: 6:00

Remarks:
TANKER

Next Service Date: Oil _____ Filter _____

Driver Name D Leggott Driver Signature [signature]

Office Use Only	Office Use Only
Payment Received From Customer Yes No (To Be Invoiced)	
Amount _____ Check Cash	Amount _____ Check Cash Credit Card

100379096
500369970

OFFICE

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057 Ph. 713-680-9425 Fax: 713-680-9564 Website: precisionlabs.org	Street Address: 25903 South Ridgeland City, State, Zip: Monee, IL 60449

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-204	DATE/TIME COLLECTED	09-07-2011
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-500 RS Ortek		

RUSH

PARAMETER	TEST METHOD	REPORTING LIMIT	TEST RESULT
Gravity API @ 60 °F	D-287	----	21.4
Flash point, °F,	S.W. 1010	-10°F	> 200
Viscosity CST @ 40°C	D-445	1	46.12
Sulfur, Wt%	D-4294	0.001	0.6718
Ash, Wt%	D-482	0.001	0.132
Total Halogen, PPM	EPA-9075	100	26,519
PCB's, PPM	S.W.8082	0.05	BRL
Water by Distillation, Vol%	D-95	0.05	0.1
Heat of combustion, BTU/Lb,	D-240	2,150	17,979
Heat of combustion, BTU/Gal,	D-240	2,150	138,564
TOTAL HEAVY METALS, PPM			
Arsenic	EPA-6020	0.500	BRL
Cadmium	EPA-6020	0.100	BRL
Chromium	EPA-6020	0.150	0.442
Lead	EPA-6020	0.390	BRL
Silicon	EPA-6020	0.280	5.493

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057	Street Address: 25903 South Ridgeland
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: Monee, IL 60449
Website: precisionlabs.org	

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-204	DATE/TIME COLLECTED	09-07-2011
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-500 RS Ortek		

RUSH

Volatile Organics	Test Method	Reporting Limit, PPM	Results PPM
Bromodichloromethane	S.W. 8260	1.00	BRL
Bromoform	S.W. 8260	1.00	BRL
Methylene Chloride	S.W. 8260	1.00	BRL
Bromomethane	S.W. 8260	1.00	BRL
Carbon tetrachloride	S.W. 8260	1.00	BRL
Chloroethane	S.W. 8260	1.00	BRL
2-Chloroethyl Vinyl Ether	S.W. 8260	1.00	BRL
Chloroform	S.W. 8260	1.00	BRL
Chloromethane	S.W. 8260	1.00	BRL
Dibromochloromethane	S.W. 8260	1.00	BRL
Chlorobenzene	S.W. 8260	1.00	BRL
1,2-Dichlorobenzene	S.W. 8260	1.00	BRL
1,3-Dichlorobenzene	S.W. 8260	1.00	BRL
1,4-Dichlorobenzene	S.W. 8260	1.00	BRL
1,1-Dichloroethane	S.W. 8260	1.00	BRL
1,2-Dichloroethane	S.W. 8260	1.00	BRL
1,1-Dichloroethene	S.W. 8260	1.00	BRL
trans-1,2-Dichloroethene	S.W. 8260	1.00	BRL
Dichloromethane	S.W. 8260	1.00	BRL
1,2-Dichloropropane	S.W. 8260	1.00	BRL
Cis-1,3-Dichloropropene	S.W. 8260	1.00	BRL
trans-1,3-Dichloropropene	S.W. 8260	1.00	BRL
1,1,2,2-Tetrachloroethane	S.W. 8260	1.00	BRL
Tetrachloroethene	S.W. 8260	1.00	BRL
1,1,1-trichloroethane	S.W. 8260	1.00	BRL
1,1,2-Trichloroethane	S.W. 8260	1.00	BRL
Trichloroethene	S.W. 8260	1.00	BRL
Trichlorofluoromethane	S.W. 8260	1.00	BRL

Daniel Zablit
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T10470-4203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

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5915 Star Lane, Houston, TX 77057	Street Address: 25903 South Ridgeland
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: Monee, IL 60449
Website: precisionlabs.org	

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-204	DATE/TIME COLLECTED	09-07-2011
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-500 RS Ortek		

SAMPLE CONDITION CHECK LIST

	YES	NO	N/A
1. Cooler Seal present and signed			X
2. Sample(s) in a cooler			X
3. If yes, ice in cooler			X
4. Sample (s) received with Chain of Custody	X		
5. C-O-C signed and dated.	X		
6. Sample (s) received with signed sample custody seal.			X
7. Sample containers arrived intact (If No comment)	X		
8. Samples were received in appropriate containers(s)	X		
9. All samples were tagged or labeled.	X		
10. Samples ID labels match C-O-C ID's.	X		
11. Bottles count on C-O-C matches bottles found.	X		
12. Samples volume is sufficient for analysis requested.	X		
13. Samples were received within the hold time.	X		
14. VOA vials completely filled		X	
15. Samples accepted.	X		
16. Sample cooling was initiated in the field with blue ice.			X

Daniel Zablhl
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

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ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

97222

OUT BOUND

Customer RS USED OIL

Truck No. 967-443

Address MONROE IL

Rail Car No.

Carrier RS

Unloaded By

75640 GROSS
32460 TARE
43180 NET

Gross Weight: 75640 lb
Tare Weight: 00 lb
Net Weight: 75640 lb
22 Nov 2011 14:58:22

Gross Weight: 32460 lb
Tare Weight: 00 lb
Net Weight: 32460 lb
22 Nov 2011 12:58:29

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil

FROM ~~To~~ Tank 500

Gross Gals. 5915 Ded. Net Gals.

WEIGHER

SHIPPER

Driver's Signature [signature]

RS Used Oil Services, Inc. SERVICE ORDER No. 69785

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
US DOT # 758189

Location Performing Service
25903 S. Ridgeland Ave.
Monee, Il 60449
(708) 534-9300
EPA ID # ILR000103184

Date: 11/29/2011

Manifest #

Route #

Generator/Customer/Job Site:
Name: RS MONEE ORTEK TO MONEE DRY
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-762-5117

Contractor:
Name: RS MONEE ORTEK TO MONEE DRY
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-762-5117

Purchase Order Number:	Job Number:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
5915	Non-Hazardous Used Oil Collected			75640	32460	43180
	Non-Hazardous Oily Water/Coolant					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
	On-Spec Used Oil Delivered					

Generator Certification: I, the generator (or agent for) of this product, hereby certify that the waste identified on this document does not contain or has not come in contact with a hazardous waste listed under 40 CFR 261.30 - 261.33 and is non-hazardous according to 40 CFR 261.1- 261.20. I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of our knowledge, this company and facility does not generate waste that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify in writing RS Used Oil Services, Inc. and submit all request forms. Disposal of such materials will be performed upon approval of RS Used Oil Services, Inc. Used oil contained within non-hazardous special waste collected in LA is subject to regulation by the LA DEQ under LAC Gov. Chapter 41, Subpart C.
Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-239-1000

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCB's regulated by TSCA, 40 CFR 761.

Customer agrees to pay a late charge of 1% per month on any invoice, which is not paid within 30 days of invoice date. Customer also agrees to pay any attorney's fees and court costs in the event it becomes necessary to initiate legal proceedings to collect the invoice.

Printed Customer Name _____ Customer Signature _____ Date _____

Arrival Time: _____ Begin Loading: _____ End Loading: _____ Depart Time: _____

Remarks:
TANKER

Driver Name R Plankis Driver Signature _____

Office Use Only	Office Use Only
Payment Received From Customer Yes No (To Be Invoiced)	
Amount _____ Check Cash	Amount _____ Check Cash Credit Card

CUSTOMER

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

97238

Customer: RS Used Oil Service

Truck No.: 971-1357

Address: 25903 S. Ridge Rand Ave. Monee, IL. 60449

Rail Car No.:

Carrier: RS Used Oil Service

Unloaded By:

GROSS	Gross Weight:	35440 lb
TARE	Tare Weight:	00 lb
NET	Net Weight:	35440 lb

01 Dec 2001 08:42:04

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Outbound Oil

Type Oil: Outbound Oil

To Tank: 500

Gross Gals.:

Ded.:

Net Gals.: 5770

Driver's Signature: Dan Rushbrook

WEIGHER:

SHIPPER:

RS Used Oil Services, Inc. SERVICE ORDER No. 59833

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
US DOT # 758189

Location Performing Service
25903 S. Ridgeland Ave.
Monee, IL 60449
708-534-9300
EPA# ILR000103184

Date: 12-1-11
Manifest #
Route #

Generator/Customer/Job Site:
Name: RS Monee Ortek to Monee
Address: 7601 W. 47th St.
City, State, Zip: McCook, IL 60525
Phone Number: 708-762-5117

Contractor:
Name: RS Used Oil Service
Address: 25903 S. Ridgeland Ave.
City, State, Zip: Monee, IL 60449
Phone Number: 708-534-9300

Purchase Order Number:	Burner's USEPA ID #:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
5770 gal	Non-Hazardous Used Oil Collected			76140	33440	40,700
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
	On-Spec Used Oil Delivered					

Generator Certification: I, the generator (or agent for) of this product, hereby certify that the waste identified on this document does not contain or has not come in contact with a hazardous waste listed under 40 CFR 261.30 - 261.33 and is non-hazardous according to 40 CFR 261.1 - 261.20. I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of our knowledge, this company and facility does not generate waste that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify in writing RS Used Oil Services, Inc. and submit all request forms. Disposal of such materials will be performed upon approval of RS Used Oil Services, Inc. Used oil contained within non-hazardous special waste collected in LA is subject to regulation by the LA DEQ under LAC Gov. Chapter 41, Subpart C.
Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-239-1000

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willfull omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCB's regulated by TSCA, 40 CFR 761.

Customer agrees to pay a late charge of 1% per month on any invoice, which is not paid within 30 days of invoice date. Customer also agrees to pay any attorney's fees and court costs in the event it becomes necessary to initiate legal proceedings to collect the invoice.

Printed Customer Name [signature] Customer Signature [signature] Date 12-1-11

Arrival Time: _____ Begin Loading: _____ End Loading: _____ Depart Time: _____

Remarks:

Next Service Date: Oil _____ Filter _____

Driver Name Dan Rushbrook Driver Signature [signature]

Office Use Only	Office Use Only
Payment Received From Customer Yes No (To Be Invoiced)	
Amount _____ Check Cash	Amount _____ Check Cash Credit Card

CUSTOMER

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

97296

Customer RS USED O'

Address Monroe Il

Carrier Outbound Del Ont

Truck No. 971

Rail Car No.

Unloaded By

GROSS

TARE

NET

Gross Weight: 29140 lb
Tare Weight: 00 lb
Net Weight: 29140 lb

08 Dec 2011 13:39:21

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil Dry

From To Tank 500

Gross Gals. 5100 yr's

Ded.

Net Gals. 5100

Driver's Signature

WEIGHER

SHIPPER

RS Used Oil Services, Inc. SERVICE ORDER No. 59948

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
US DOT # 758189

Location Performing Service
25903 S. Ridgeland Ave.
Monee, IL 60449
(708) 534-9300
EPA ID # ILR000103184

Date: 12/08/2011
Manifest # [illegible]
Route #

Generator/Customer/Job Site:
Name: RS MONEE ORTEK TO MONEE DRY
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-762-5117

Contractor:
Name: RS MONEE ORTEK TO MONEE DRY
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-762-5117

Purchase Order Number:	Job Number:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
[illegible]	Non-Hazardous Used Oil Collected					
	Non-Hazardous Oily Water/Coolant					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
	On-Spec Used Oil Delivered					

Generator Certification: I, the generator (or agent for) of this product, hereby certify that the waste identified on this document does not contain or has not come in contact with a hazardous waste listed under 40 CFR 261.30 - 261.33 and is non-hazardous according to 40 CFR 261.1- 261.20. I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of our knowledge, this company and facility does not generate waste that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify in writing RS Used Oil Services, Inc. and submit all request forms. Disposal of such materials will be performed upon approval of RS Used Oil Services, Inc. Used oil contained within non-hazardous special waste collected in LA is subject to regulation by the LA DEQ under LAC Gov. Chapter 41, Subpart C.
Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-239-1000

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCB's regulated by TSCA, 40 CFR 761.

Customer agrees to pay a late charge of 1% per month on any invoice, which is not paid within 30 days of invoice date. Customer also agrees to pay any attorney's fees and court costs in the event it becomes necessary to initiate legal proceedings to collect the invoice.

Printed Customer Name [illegible] Customer Signature [illegible] Date [illegible]

Arrival Time: _____ Begin Loading: _____ End Loading: _____ Depart Time: _____

Remarks:
TANKER

Driver Name J Elliot Driver Signature [illegible]

Office Use Only	Office Use Only
Payment Received From Customer Yes No (To Be Invoiced)	
Amount _____ Check Cash	Amount _____ Check Cash Credit Card

CUSTOMER

ATTACHMENT F

R S USED OIL SERVICES OUTBOUND TANK #146 - #122 - #120 **11/1/2011**

Loads Out	Date	Scale Ticket	Source	From Tank	Used Oil/ Gal	Truck No.	Manifest #	Type
1	11/1/2011	96990	Ziron Environmental	146	5444	81-07	1528685	Wet Oil
2	11/2/2011	97000	Ziron Environmental	146	5125	81-07	1528686	Wet Oil
3	11/7/2011	97035	Ziron Environmental	146	5490	81-07	1528724	Wet Oil
4	11/8/2011	97045	Ziron Environmental	146 & 122	5229	81-07	1528725	Wet Oil
5	11/9/2011	97061	Ziron Environmental	122	5447	81-07	1528726	Wet Oil
6	11/10/2011	97076	Ziron Environmental	122	5395	81-07	1528727	Wet Oil
7	11/11/2011	97090	Ziron Environmental	122 & 120	5433	81-07	1528729	Wet Oil
8	11/14/2011	97103	Ziron Environmental	120	3749	81-07	1528730	Wet Oil
				Total	**41,312**			

x

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057	Street Address: 25903 South Ridgeland
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: Monee, IL 60449
Website: precisionlabs.org	

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-200	DATE/TIME COLLECTED	09-07-2011@9:00
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-120 RS Ortek		

RUSH

PARAMETER	TEST METHOD	REPORTING LIMIT	TEST RESULT
Gravity API @ 60 °F	D-287	----	21.7
Flash point, °F,	S.W. 1010	-10°F	144
Viscosity CST @ 40°C	D-445	1	73.17
Sulfur, Wt%	D-4294	0.001	0.4346
Ash, Wt%	D-482	0.001	3.142
Total Halogen, PPM	EPA-9075	100	3,606
PCB's, PPM	S.W.8082	0.05	BRL
Water by Distillation, Vol%	D-95	0.05	2.6
Heat of combustion, BTU/Lb,	D-240	2,150	16,092
Heat of combustion, BTU/Gal,	D-240	2,150	123,763
TOTAL HEAVY METALS, PPM			
Arsenic	EPA-6020	0.500	2.498
Cadmium	EPA-6020	0.100	0.557
Chromium	EPA-6020	0.150	21.343
Lead	EPA-6020	0.390	47.362
Silicon	EPA-6020	0.280	125.45

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057 Ph. 713-680-9425 Fax: 713-680-9564 Website: precisionlabs.org	Street Address: 25903 South Ridgeland City, State, Zip: Monee, IL 60449

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-200	DATE/TIME COLLECTED	09-07-2011@9:00
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-120 RS Ortek		

RUSH

PARAMETER	TEST METHOD	REPORTING LIMIT	TEST RESULT
Gravity API @ 60 °F	D-287	----	21.7
Flash point, °F,	S.W. 1010	-10°F	144
Viscosity CST @ 40°C	D-445	1	73.17
Sulfur, Wt%	D-4294	0.001	0.4346
Ash, Wt%	D-482	0.001	3.142
Total Halogen, PPM	EPA-9075	100	3,606
PCB's, PPM	S.W.8082	0.05	BRL
Water by Distillation, Vol%	D-95	0.05	2.6
Heat of combustion, BTU/Lb,	D-240	2,150	16,092
Heat of combustion, BTU/Gal,	D-240	2,150	123,763
TOTAL HEAVY METALS, PPM			
Arsenic	EPA-6020	0.500	2.498
Cadmium	EPA-6020	0.100	0.557
Chromium	EPA-6020	0.150	21.343
Lead	EPA-6020	0.390	47.362
Silicon	EPA-6020	0.280	125.45

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

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PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057	Street Address: 25903 South Ridgeland
Ph. 713-680-9425 Fax: 713-680-9364	City, State, Zip: Monee, IL 60449
Website: precisionlabs.org	

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-200	DATE/TIME COLLECTED	09-07-2011@9:00
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-120 RS Ortek		

RUSH

Volatile Organics	Test Method	Reporting Limit, PPM	Results PPM
Bromodichloromethane	S.W. 8260	1.00	BRL
Bromoform	S.W. 8260	1.00	BRL
Methylene Chloride	S.W. 8260	1.00	13.83
Bromomethane	S.W. 8260	1.00	BRL
Carbon tetrachloride	S.W. 8260	1.00	BRL
Chloroethane	S.W. 8260	1.00	BRL
2-Chloroethyl Vinyl Ether	S.W. 8260	1.00	BRL
Chloroform	S.W. 8260	1.00	BRL
Chloromethane	S.W. 8260	1.00	BRL
Dibromochloromethane	S.W. 8260	1.00	BRL
Chlorobenzene	S.W. 8260	1.00	BRL
1,2-Dichlorobenzene	S.W. 8260	1.00	BRL
1,3-Dichlorobenzene	S.W. 8260	1.00	BRL
1,4-Dichlorobenzene	S.W. 8260	1.00	BRL
1,1-Dichloroethane	S.W. 8260	1.00	BRL
1,2-Dichloroethane	S.W. 8260	1.00	BRL
1,1-Dichloroethene	S.W. 8260	1.00	BRL
trans-1,2-Dichloroethene	S.W. 8260	1.00	BRL
Dichloromethane	S.W. 8260	1.00	BRL
1,2-Dichloropropane	S.W. 8260	1.00	BRL
Cis-1,3-Dichloropropene	S.W. 8260	1.00	BRL
trans-1,3-Dichloropropene	S.W. 8260	1.00	BRL
1,1,2,2-Tetrachloroethane	S.W. 8260	1.00	BRL
Tetrachloroethene	S.W. 8260	1.00	97.66
1,1,1-trichloroethane	S.W. 8260	1.00	BRL
1,1,2-Trichloroethane	S.W. 8260	1.00	BRL
Trichloroethene	S.W. 8260	1.00	5.97
Trichlorofluoromethane	S.W. 8260	1.00	BRL

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # A20630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057	Street Address: 25903 South Ridgeland
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: Monee, IL 60449
Website: precisionlabs.org	

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-200	DATE/TIME COLLECTED	09-07-2011@9:00
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-120 RS Ortek		

SAMPLE CONDITION CHECK LIST

	YES	NO	N/A
1. Cooler Seal present and signed			X
2. Sample(s) in a cooler			X
3. If yes, ice in cooler			X
4. Sample (s) received with Chain of Custody	X		
5. C-O-C signed and dated.	X		
6. Sample (s) received with signed sample custody seal.			X
7. Sample containers arrived intact (If No comment)	X		
8. Samples were received in appropriate containers(s)	X		
9. All samples were tagged or labeled.	X		
10. Samples ID labels match C-O-C ID's.	X		
11. Bottles count on C-O-C matches bottles found.	X		
12. Samples volume is sufficient for analysis requested.	X		
13. Samples were received within the hold time.	X		
14. VOA vials completely filled		X	
15. Samples accepted.	X		
16. Sample cooling was initiated in the field with blue ice.			X

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

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COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057	Street Address: 25903 South Ridgeland
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: Monee, IL 60449
Website: precisionlabs.org	

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-201	DATE/TIME COLLECTED	09-07-2011@9:00
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-122 RS Ortek		

RUSH

PARAMETER	TEST METHOD	REPORTING LIMIT	TEST RESULT
Gravity API @ 60 °F	D-287	----	20.0
Flash point, °F,	S.W. 1010	-10°F	115
Viscosity CST @ 40°C	D-445	1	54.83
Sulfur, Wt%	D-4294	0.001	0.2731
Ash, Wt%	D-482	0.001	3.322
Total Halogen, PPM	EPA-9075	100	1,501
PCB's, PPM	S.W.8082	0.05	BRL
Water by Distillation, Vol%	D-95	0.05	20.0
Heat of combustion, BTU/Lb,	D-240	2,150	14,232
Heat of combustion, BTU/Gal,	D-240	2,150	110,696
TOTAL HEAVY METALS, PPM			
Arsenic	EPA-6020	0.500	2.62
Cadmium	EPA-6020	0.100	0.883
Chromium	EPA-6020	0.150	43.444
Lead	EPA-6020	0.390	63.340
Silicon	EPA-6020	0.280	115.29

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

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PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057	Street Address: 25903 South Ridgeland
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: Monee, IL 60449
Website: precisionlabs.org	

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-201	DATE/TIME COLLECTED	09-07-2011@9:00
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-122 RS Ortek		

RUSH

Volatile Organics	Test Method	Reporting Limit, PPM	Results PPM
Bromodichloromethane	S.W. 8260	1.00	BRL
Bromoform	S.W. 8260	1.00	BRL
Methylene Chloride	S.W. 8260	1.00	BRL
Bromomethane	S.W. 8260	1.00	BRL
Carbon tetrachloride	S.W. 8260	1.00	BRL
Chloroethane	S.W. 8260	1.00	BRL
2-Chloroethyl Vinyl Ether	S.W. 8260	1.00	BRL
Chloroform	S.W. 8260	1.00	BRL
Chloromethane	S.W. 8260	1.00	BRL
Dibromochloromethane	S.W. 8260	1.00	BRL
Chlorobenzene	S.W. 8260	1.00	BRL
1,2-Dichlorobenzene	S.W. 8260	1.00	BRL
1,3-Dichlorobenzene	S.W. 8260	1.00	BRL
1,4-Dichlorobenzene	S.W. 8260	1.00	BRL
1,1-Dichloroethane	S.W. 8260	1.00	BRL
1,2-Dichloroethane	S.W. 8260	1.00	BRL
1,1-Dichloroethene	S.W. 8260	1.00	BRL
trans-1,2-Dichloroethene	S.W. 8260	1.00	BRL
Dichloromethane	S.W. 8260	1.00	BRL
1,2-Dichloropropane	S.W. 8260	1.00	BRL
Cis-1,3-Dichloropropene	S.W. 8260	1.00	BRL
trans-1,3-Dichloropropene	S.W. 8260	1.00	BRL
1,1,2,2-Tetrachloroethane	S.W. 8260	1.00	BRL
Tetrachloroethene	S.W. 8260	1.00	108.54
1,1,1-trichloroethane	S.W. 8260	1.00	BRL
1,1,2-Trichloroethane	S.W. 8260	1.00	BRL
Trichloroethene	S.W. 8260	1.00	2.32
Trichlorofluoromethane	S.W. 8260	1.00	BRL

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057 Ph. 713-680-9425 Fax: 713-680-9564 Website: precisionlabs.org	Street Address: 25903 South Ridgeland City, State, Zip: Monee, IL 60449

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-201	DATE/TIME COLLECTED	09-07-2011@9:00
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK-122 RS Ortek		

SAMPLE CONDITION CHECK LIST

	YES	NO	N/A
1. Cooler Seal present and signed			X
2. Sample(s) in a cooler			X
3. If yes, ice in cooler			X
4. Sample (s) received with Chain of Custody	X		
5. C-O-C signed and dated.	X		
6. Sample (s) received with signed sample custody seal.			X
7. Sample containers arrived intact (If No comment)	X		
8. Samples were received in appropriate containers(s)	X		
9. All samples were tagged or labeled.	X		
10. Samples ID labels match C-O-C ID's.	X		
11. Bottles count on C-O-C matches bottles found.	X		
12. Samples volume is sufficient for analysis requested.	X		
13. Samples were received within the hold time.	X		
14. VOA vials completely filled		X	
15. Samples accepted.	X		
16. Sample cooling was initiated in the field with blue ice.			X

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Stur Lane, Houston, TX 77057	Street Address: 25903 South Ridgeland
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: Monee, IL 60449
Website: precisionlabs.org	

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-203	DATE/TIME COLLECTED	09-07-2011
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK146 RS Ortek		

RUSH

PARAMETER	TEST METHOD	REPORTING LIMIT	TEST RESULT
Gravity API @ 60 °F	D-287	----	20.7
Flash point, °F,	S.W. 1010	-10°F	105
Viscosity CST @ 40°C	D-445	1	80.51
Sulfur, Wt%	D-4294	0.001	0.3724
Ash, Wt%	D-482	0.001	4.466
Total Halogen, PPM	EPA-9075	100	2,829
PCB's, PPM	S.W.8082	0.05	BRL
Water by Distillation, Vol%	D-95	0.05	10.4
Heat of combustion, BTU/Lb,	D-240	2,150	15,895
Heat of combustion, BTU/Gal,	D-240	2,150	123,059
TOTAL HEAVY METALS, PPM			
Arsenic	EPA-6020	0.500	1.639
Cadmium	EPA-6020	0.100	0.978
Chromium	EPA-6020	0.150	33.144
Lead	EPA-6020	0.390	75.916
Silicon	EPA-6020	0.280	103.71

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS. There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057 Ph. 713-680-9425 Fax: 713-680-9564 Website: precisionlabs.org	Street Address: 25903 South Ridgeland City, State, Zip: Monee, IL 60449

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-203	DATE/TIME COLLECTED	09-07-2011
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK146 RS Ortek		

RUSH

Volatile Organics	Test Method	Reporting Limit, PPM	Results PPM
Bromodichloromethane	S.W. 8260	1.00	BRL
Bromoform	S.W. 8260	1.00	BRL
Methylene Chloride	S.W. 8260	1.00	42.05
Bromomethane	S.W. 8260	1.00	BRL
Carbon tetrachloride	S.W. 8260	1.00	BRL
Chloroethane	S.W. 8260	1.00	BRL
2-Chloroethyl Vinyl Ether	S.W. 8260	1.00	BRL
Chloroform	S.W. 8260	1.00	BRL
Chloromethane	S.W. 8260	1.00	BRL
Dibromochloromethane	S.W. 8260	1.00	BRL
Chlorobenzene	S.W. 8260	1.00	BRL
1,2-Dichlorobenzene	S.W. 8260	1.00	BRL
1,3-Dichlorobenzene	S.W. 8260	1.00	BRL
1,4-Dichlorobenzene	S.W. 8260	1.00	BRL
1,1-Dichloroethane	S.W. 8260	1.00	BRL
1,2-Dichloroethane	S.W. 8260	1.00	BRL
1,1-Dichloroethene	S.W. 8260	1.00	BRL
trans-1,2-Dichloroethene	S.W. 8260	1.00	BRL
Dichloromethane	S.W. 8260	1.00	BRL
1,2-Dichloropropane	S.W. 8260	1.00	BRL
Cis-1,3-Dichloropropene	S.W. 8260	1.00	BRL
trans-1,3-Dichloropropene	S.W. 8260	1.00	BRL
1,1,2,2-Tetrachloroethane	S.W. 8260	1.00	BRL
Tetrachloroethene	S.W. 8260	1.00	143.89
1,1,1-trichloroethane	S.W. 8260	1.00	BRL
1,1,2-Trichloroethane	S.W. 8260	1.00	BRL
Trichloroethene	S.W. 8260	1.00	9.26
Trichlorofluoromethane	S.W. 8260	1.00	BRL

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

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PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: RS Used Oil Services
5915 Star Lane, Houston, TX 77057	Street Address: 25903 South Ridgeland
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: Monee, IL 60449
Website: precisionlabs.org	

INVOICE No.	49998	DATE RECEIVED	09-08-2011
LAB REFERENCE No.	2011-09-203	DATE/TIME COLLECTED	09-07-2011
AUTHORIZED BY	Pam Harvey	MATRIX TYPE	Liquid
PRODUCT ID	TK146 RS Ortek		

SAMPLE CONDITION CHECK LIST

	YES	NO	N/A
1. Cooler Seal present and signed			X
2. Sample(s) in a cooler			X
3. If yes, ice in cooler			X
4. Sample (s) received with Chain of Custody	X		
5. C-O-C signed and dated.	X		
6. Sample (s) received with signed sample custody seal.			X
7. Sample containers arrived intact (If No comment)	X		
8. Samples were received in appropriate containers(s)	X		
9. All samples were tagged or labeled.	X		
10. Samples ID labels match C-O-C ID's.	X		
11. Bottles count on C-O-C matches bottles found.	X		
12. Samples volume is sufficient for analysis requested.	X		
13. Samples were received within the hold time.	X		
14. VOA vials completely filled		X	
15. Samples accepted.	X		
16. Sample cooling was initiated in the field with blue ice.			X

Daniel Zabihi
QA Manager

Date: 09-09-2011

PRIMARY ACCREDITATION TCEQ. #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

ORTEK INC.

96990

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

RS Used Oil Cust.

Customer Zirom Environmental Services

Truck No. 81-07

Address

Rail Car No.

Carrier

Unloaded By

GROSS

TARE

NET

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil

~~To~~ From # Tank 146

Gross Gals.

Ded.

Net Gals. 5,444

WEIGHER

SHIPPER

Driver's Signature C. McKay

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Manifest Tracking Number: 001528685 GBF

5. Generator's Name and Mailing Address
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
U.S. EPA ID Number
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
	1.					
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

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 | Signature | Month | Day | Year

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

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

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.

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

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

Ziron Environmental Services

Ziron Environmental Services, Inc.
302 E 25th St.
Chicago Heights, IL 60411
708-757-9601

SERVICE CALL SHEET - MAINTENANCE

Date:	11/11
Ziron Job #	7778605
Customer PO #	
Station #	
Generator #	
Notify #	Alan / 83
Shutdown - ~~Yes / No~~	Reg / OT / Hol
Mileage Upon Arrival	570940

Customer Information	
Name:	Ontek
Street:	7601 W. 47th St.
City/State:	McCook IL
Job Description:	Hump load Transport to Greencastle IN.

Employee Name(s)	Role
Pat McKay	Driver / Laborer
	Driver / Laborer
	Driver / Laborer

Truck # 81-07 Trailer # 8-01

Destination	Site	Dump	Shop	Other

Fills	Pumped	STPs	Pumped	Vapor Recoveries	Pumped	Dispenser Pans	Pumped
Regular Fill		Regular STP		Regular Vapor Recovery		Disp. 1/2	
Midgrade Fill		Midgrade STP		Midgrade Vapor Recovery		Disp. 3/4	
Premium Fill		Premium STP		Premium Vapor Recovery		Disp. 5/6	
Diesel Fill		Diesel STP		Diesel Vapor Recovery		Disp. 7/8	
Kerosene Fill		Kerosene STP		Kerosene Vapor Recovery		Disp. 9/10	
						Disp. 11/12	
						Disp. 13/14	

Tank	Water Height	Gallons Pumped
Regular		
Midgrade		
Premium		
Diesel		
Kerosene		
Veeder Root Print Out Attached		Yes / No

Notes:

Dewatered location	Yes / No
All Functions Normal	Yes / No
Veeder Root Q#	

JOB CLEARANCE FORM

Gloves:_____
Safety Vest:_____
Safety Glasses:_____
Hearing Protection:_____
Hard Hat:_____
Steel Toe Boots:_____

Sign In:_____ Sign Out:_____

Contractor: Ontek JSA # 3

Dumped and turned in:	Yes / No
Left in unit for later disposal:	Yes / No
Transferred to:	

Type of Material: Flammable Liquids

Total Gallons: 5500

Disposal Facility & Location: Greencastle WDF Greencastle IN

Manifest / Bill of Lading — Document # 7528685

X Juan Garcia

Customer Signature: Date:

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

97000

Customer RS Used Oil

Truck No. 81-07

Address

Rail Car No.

Carrier Ziron Env.

Unloaded By

GROSS	Gross Weight: 74020 lb
TARE	Tare Weight: 00 lb
NET	Net Weight: 74020 lb
	02 Nov 2011 06:58:02

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil

~~To~~ From Tank #146

Gross Gals.

Ded.

Net Gals. 5,125

WEIGHER

SHIPPER

Driver's Signature Pat McKay

HRTS Contract # 4727

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILR000167478
2. Page 1 of: 1
3. Emergency Response Phone: (800) 451-8346
4. Manifest Tracking Number: 001528686 GBF

5. Generator's Name and Mailing Address
RS Used Oil Services, Inc.
25901 S. Ridgeland Avenue
Monee, IL 60449
Generator's Phone: (708) 534-9700 ATTN: William Kennedy

Generator's Site Address (if different than mailing address)
7601 W. 47th Street
McCook, IL 60525

6. Transporter 1 Company Name: Zeron Environmental Services, Inc.
U.S. EPA ID Number: ILR000107581

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

8. Designated Facility Name and Site Address
Greencastle WDF Facility
2861 South County Road 150 W
Greencastle, IN 46135
Facility's Phone: (800) 555-3465
U.S. EPA ID Number: IND006419212

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, UN1992, Waste Flammable Liquids, Toxic, n.o.s., 3(6.1), PG II (RQ-D001)(Petroleum Distillates, Tetrachloroethylene)	001	TT	5700	G	D001	D003	D039
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
961) RQ, 61, Profile LB 03285
WO# 77756465
Job no. 110367

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: [illegible] Signature: on behalf of RS Used Oil Services Month: 11 Day: 2 Year: 11

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] Signature: [illegible] Month: 11 Day: 2 Year: 11
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

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.

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

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

Ziron Environmental Services, Inc.
302 E 25th St.
Chicago Heights, IL 60411
708-757-9601

SERVICE CALL SHEET - MAINTENANCE

Date:	11/2/11
Ziron Job #	77786165
Customer PO #	
Station #	
Generator #	
Notify #	Alan / R-3
Shutdown - Yes / No	Reg / OT / Hol
Mileage Upon Arrival	477322

Customer Information

Name: Ortek
Street: 7601 W. 47th ST.
City/State: McCook IL.
Job Description: Pull load Transport To Greencastle IN.

Employee Name(s)	Role
Pat McKay	Driver / Laborer
	Driver / Laborer
	Driver / Laborer

Truck # 81-07 Trailer # 8-01

Fills	Pumped	STPs	Pumped	Vapor Recoveries	Pumped	Dispenser Pans	Pumped
Regular Fill		Regular STP		Regular Vapor Recovery		Disp. 1/2	
Midgrade Fill		Midgrade STP		Midgrade Vapor Recovery		Disp. 3/4	
Premium Fill		Premium STP		Premium Vapor Recovery		Disp. 5/6	
Diesel Fill		Diesel STP		Diesel Vapor Recovery		Disp. 7/8	
Kerosene Fill		Kerosene STP		Kerosene Vapor Recovery		Disp. 9/10	
						Disp. 11/12	
						Disp. 13/14	

Destination: Site Dump Shop Other

Tank	Water Height	Gallons Pumped
Regular		
Midgrade		
Premium		
Diesel		
Kerosene		
Veeder Root Print Out Attached		Yes / No

Notes:

Dewatered location	Yes / No
All Functions Normal	Yes / No
Veeder Root Q#	

JOB CLEARANCE FORM

Gloves: ✓
Safety Vest: ✓
Safety Glasses: ✓
Hearing Protection:
Hard Hat: ✓
Steel Toe Boots: ✓

Sign In: Sign Out:

Contractor: P McKay JSA # 3

Dumped and turned in:	Yes / No
Left in unit for later disposal:	Yes / No
Transferred to:	

Type of Material: Flammable Liquids
Total Gallons: 5700
Disposal Facility & Location: Greencastle WDF Greencastle IN.
Manifest Bill of Lading Document # 1528686GBF

X [signature] 11/2/11
Customer Signature: Date:

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

DRIVER'S COPY

97045

Customer RS Used Oil

Truck No. 81-07

Address

Rail Car No.

Unloaded By

Carrier Zion End

GROSS	Gross Weight:	74940 lb
TARE	Tare Weight:	00 lb
NET	Net Weight:	74940 lb

05 Nov 2011 06:41:38

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil

From To Tank 146-122

Gross Gals.

Ded.

Net Gals. 5229

Driver's Signature

WEIGHER

SHIPPER

ERTS Contract #: 4727

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILR000167478
2. Page 1 of 1
3. Emergency Response Phone: (800) 431-8346
4. Manifest Tracking Number: 001528725 GBF

GENERATOR

5. Generator's Name and Mailing Address: RS Used Oil Services, Inc.
25903 S. Ridgeland Avenue
Monee, IL 60449
Generator's Phone: (708) 534-9300 ATTN: William Kennedy

Generator's Site Address (if different than mailing address): 7601 W. 47th Street, McCook, IL 60525

6. Transporter 1 Company Name: Eren Environmental Services, Inc. — U.S. EPA ID Number: ILR000107581

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

8. Designated Facility Name and Site Address: Greencastle WDF Facility
3301 South County Road 150 W
Greencastle, IN 46135
Facility's Phone: (800) 355-3485 — U.S. EPA ID Number: IND006419212

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, UN1992, Waste Flammable Liquids, Toxic, n.o.s., 3(6.1), PG II (RQ-D001)(Petroleum Distillates, Tetrachloroethylene)	001	TT	560	G	D001	D008	D039
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

9511 EROF 131, Profile# LS 03385 TK-116-TR-123
PO# 77786242
Job no. 110730

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 — Signature: on behalf of RS Used Oil Services — Month / Day / Year: 11 / 8 / 11

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: Patrick Murray #8187 — Signature — Month / Day / Year: 11 / 8 / 11

Transporter 2 Printed/Typed Name — Signature — Month / Day / Year

SIGNATED 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.

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.

GENERATOR'S INITIAL COPY

Ziron Environmental Services

Ziron Environmental Services, Inc.
302 E 25th St.
Chicago Heights, IL 60411
708-757-9601

SERVICE CALL SHEET - MAINTENANCE

Date:	11/8/11
Ziron Job #	7778628-07
Customer PO #	Alan R-3
Station #	
Generator #	
Notify #	Alan R-3
Shutdown ~~Yes / No~~	Reg / OT / Hol
Mileage Upon Arrival	478817

Customer Information

Name: Shoreline / R5
Street: 7601 W 47th St.
City/State: McCook IL.
Job Description: Pull load Transport to WDF

Employee Name(s)	Role
Pat McKay	Driver / Laborer
	Driver / Laborer
	Driver / Laborer

[redacted]

Truck # 81-07 Trailer # 8-01

Fills	Pumped	STPs	Pumped
Regular Fill		Regular STP	
Midgrade Fill		Midgrade STP	
Premium Fill		Premium STP	
Diesel Fill		Diesel STP	
Kerosene Fill		Kerosene STP	

Destination	Site	Dump	Shop	Other

Vapor Recoveries	Pumped	Dispenser Pans	Pumped
Regular Vapor Recovery		Disp. 1/2	
Midgrade Vapor Recovery		Disp. 3/4	
Premium Vapor Recovery		Disp. 5/6	
Diesel Vapor Recovery		Disp. 7/8	
Kerosene Vapor Recovery		Disp. 9/10	
		Disp. 11/12	
		Disp. 13/14	

Tank	Water Height	Gallons Pumped
Regular		
Midgrade		
Premium		
Diesel		
Kerosene		

Notes:

Dewatered location	Yes / No
All Functions Normal	Yes / No
Veeder Root Print Out Attached	Yes / No
Veeder Root Q#	

JOB CLEARANCE FORM

Gloves: ✓
Safety Vest: ✓
Safety Glasses: ✓
Hearing Protection:
Hard Hat: ✓
Steel Toe Boots: ✓

Sign In: Sign Out:

Contractor: P McKay JSA # 3

Dumped and turned in:	Yes / No
Left in unit for later disposal:	Yes / No
Transferred to:	

Type of Material: Flammable Liquids
Total Gallons: 5600
Disposal Facility & Location: WDF Greencastle IN.

Manifest / Bill of Lading — Document # 1528725 GBF

X Leonardo Ortega — Customer Signature: — Date: 11/8/11

LAND DISPOSAL RESTRICTION (LDR) AND NOTIFICATION FORM

A. Generator Name: RS Used Oil Services, Inc. US EPA ID# ILR000167478

Address: 7601 W. 47th St. Manifest # 001526725GBF

McCook, IL 60525 Profile# (s) LS. 03385

B. [ ] (Check if applicable)

Restricted Waste contained in this shipment and referenced by the above Manifest number that are listed below are subject to the treatment standards set forth in 40 CFR 268.40. For each waste code, list the corresponding Subcategory, if applicable. Record an "X" in the appropriate column below for Treatability Group and each disclosure form attached.

(1) Profile Number	(2) USEPA Hazardous Waste Codes	(3) Subcategory (if applicable)	(4) Treatability Group		(5)F001-F005 Disclosure Form Attached	(6) UTS Disclosure Form Attached	(7) Lab Pack 40 CFR 268 App IV
			NWW	WW			
LS. 03385	D001		X		NA		NA
	D008		X		NA		NA
	D039		X		NA		NA
						560	

(*) Include drum number if this waste pertains to a lab pack.

C.

Profile Number	USEPA Hazardous Waste Code	Constituent	Concentration
		[ ] Liquid wastes containing Nickel	134 mg/L
		[ ] Liquid wastes containing Thallium	130 mg/L
		[ ] Wastes containing HOC's*	1000 mg/kg
		(*) HOC's as defined in 40 CFR 268 Appendix III	

D. **LAB PACK CERTIFICATION:** If your waste is packaged in lab packs and does not contain any waste codes in Appendix IV (see list below), the following certification must be completed and the corresponding container numbers must be listed also. If the waste is packaged in lab packs and they include waste codes in Appendix (IV), then table B (page2) must be completed for those containers and the respective waste codes.

APPENDIX IV codes: D009, F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, and U151

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at 40 CFR 268.42 (c) (2). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Leobardo Ortega — Generator Signature

11/8/11 — Date

Container Numbers:

E. Notification Statement: This waste must be treated to the applicable treatment standards set forth in 40 CFR 268 Subpart D, Section 268.32, or RCRA Section 3004 (d). Waste analysis is attached where available, otherwise the information herein is based upon my through knowledge of the waste(s). I hereby certify that the information provided is complete and accurate based on my knowledge of the material.

Leobardo Ortega — Generator Signature

11/8/11 — Date

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

FILE COPY

97061

Customer ~~Zilron~~ RS

Address ~~302 E.~~

Carrier Zilron

Truck No. 81-07

Rail Car No.

Unloaded By

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

GROSS

TARE

NET

Type Oil From

To Tank 122

Gross Gals.

Ded.

Net Gals. 5447

Driver's Signature C. McKay

WEIGHER

SHIPPER

ERTS Contract #: 4727

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILR000167479	1	(800) 451-8346	001528726 GBF

GENERATOR

5. Generator's Name and Mailing Address
RS Used Oil Services, Inc.
25903 S. Ridgeland Avenue
Monee, IL 60449
Generator's Phone: (708) 534-9300 ATTN: William Kennedy

Generator's Site Address (if different than mailing address)
7601 W. 47th Street
McCook, IL 60525

6. Transporter 1 Company Name: Ziron Environmental Services, Inc. — U.S. EPA ID Number: ILR000107581

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

8. Designated Facility Name and Site Address
Greencastle WDF Facility
3301 South County Road 150 W.
Greencastle, IN 46135
Facility's Phone: (800) 555-3485
U.S. EPA ID Number: IND006419212

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 D001	D008	D039
X	1. RQ, UN1992, Waste Flammable Liquids, Toxic, n.o.s., 3(6.1), PG II (RQ-D001)(Petroleum Distillates, Tetrachloroethylene)	001	TT	5700	G			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b1) ERG# 131, Profile# LS 03385
WO# 77786212 TK 122
Job no. 110781

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: [illegible] — Signature: [illegible] on behalf of RS Used Oil Services — Month 11 Day 9 Year 11

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: Patrick McKay #81-07 — Signature: [signature] — Month 11 Day 9 Year 11
Transporter 2 Printed/Typed Name — Signature — Month Day Year

SIGNATED 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.

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.

GENERATOR'S INITIAL COPY

Ziron Environmental Services, Inc.
302 E 25th St.
Chicago Heights, IL 60411
708-757-9601

SERVICE CALL SHEET - MAINTENANCE

Date:	11/9/11
Ziron Job #	77786212
Customer PO #	Alan R-3
Station #	
Generator #	
Notify #	Alan R-3
Shutdown - Yes / No	Reg / OT / Hol
Mileage Upon Arrival	479212

Customer Information

Name: Ortek / RS
Street: 7601 W. 47th ST.
City/State: Mt Cook IL
Job Description: Pull load Transport to WDF

Employee Name(s)	Role
Pat McKay	Driver / Laborer
	Driver / Laborer
	Driver / Laborer

[redacted]

Truck # 81-07 Trailer # 8-01

Fills	Pumped	STPs	Pumped
Regular Fill		Regular STP	
Midgrade Fill		Midgrade STP	
Premium Fill		Premium STP	
Diesel Fill		Diesel STP	
Kerosene Fill		Kerosene STP	

Destination	Site	Dump	Shop	Other

Vapor Recoveries	Pumped	Dispenser Pans	Pumped
Regular Vapor Recovery		Disp. 1/2	
Midgrade Vapor Recovery		Disp. 3/4	
Premium Vapor Recovery		Disp. 5/6	
Diesel Vapor Recovery		Disp. 7/8	
Kerosene Vapor Recovery		Disp. 9/10	
		Disp. 11/12	
		Disp. 13/14	

Tank	Water Height	Gallons Pumped
Regular		
Midgrade		
Premium		
Diesel		
Kerosene		
Veeder Root Print Out Attached		Yes / No

Notes:

Dewatered location	Yes / No
All Functions Normal	Yes / No
Veeder Root Q#	

JOB CLEARANCE FORM

Gloves: ✓
Safety Vest: ✓
Safety Glasses: ✓
Hearing Protection:
Hard Hat: ✓
Steel Toe Boots: ✓

Sign In: Sign Out:

Contractor: P McKay JSA # 3

Type of Material: Flammable Liquids
Total Gallons: 5700
Disposal Facility & Location: WDF Greencastle IN.
Manifest / Bill of Lading Document # 1528726GBF

Pumped and turned in:	Yes / No
Left in unit for later disposal:	Yes / No
Transferred to:	

X Leobardo Ortega 11/9/11
Customer Signature: Date:

LAND DISPOSAL RESTRICTION (LDR) AND NOTIFICATION FORM

A. Generator Name RS Used Oil Services, Inc. US EPA ID# ILR000167478

Address 7601 W. 47th St. Manifest # 001528726GBF

McCook, IL 60525 Profile# (s) LS_03385

B. [ ] (Check if applicable)

Restricted Waste contained in this shipment and referenced by the above Manifest number that are listed below are subject to the treatment standards set forth in 40 CFR 268.40. For each waste code, list the corresponding Subcategory, if applicable. Record an "X" in the appropriate column below for Treatability Group and each disclosure form attached.

(1) Profile Number	(2) USEPA Hazardous Waste Codes	(3) Subcategory (if applicable)	(4) Treatability Group		(5) F001-F005 Disclosure Form Attached	(6) UTS Disclosure Form Attached	(7) Lab Pack 40 CFR 268 App.IV
			NWW	WW			
LS_03385	D001		X		NA		NA
	D008		X		NA		NA
	D039		X		NA		NA

(*) Include drum number if this waste pertains to a lab pack.

C.

Profile Number	USEPA Hazardous Waste Code	Constituent	Concentration
		[ ] Liquid wastes containing Nickel	134 mg/L
		[ ] Liquid wastes containing Thallium	130 mg/L
		[ ] Wastes containing HOC's*	1000 mg/kg
		(*) HOC's as defined in 40 CFR 268 Appendix III	

D. **LAB PACK CERTIFICATION**: If your waste is packaged in lab packs and does not contain any waste codes in Appendix IV (see list below), the following certification must be completed and the corresponding container numbers must be listed also. If the waste is packaged in lab packs and they include waste codes in Appendix (IV), then table B (page2) must be completed for those containers and the respective waste codes.

APPENDIX IV codes: D009, F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, and U151

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at 40 CFR 268.42 (c) (2). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Leobardo Ortega
Generator Signature

11/9/11
Date

Container Numbers: 8-01

E. Notification Statement: This waste must be treated to the applicable treatment standards set forth in 40 CFR 268 Subpart D, Section 268.32, of RCRA Section 3004 (d). Waste analysis is attached where available, otherwise the information herein is based upon my through knowledge of the waste(s). I hereby certify that the information provided is complete and accurate based on my knowledge of the material.

Leobardo Ortega
Generator Signature

11/9/11
Date

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

FILE COPY

97076

Customer: RS Used Oil Services

Address: 25903 S. Ridgeland Ave. Monee, IL.

Carrier: Ziron

Truck No.: 81-07

Rail Car No.:

Unloaded By:

GROSS

TARE

NET

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil:

To Tank: 122

Gross Gals.:

Ded.:

Net Gals.: 5395

WEIGHER:

PPER:

Driver's Signature: [illegible]

ERTS Contract #: 4727

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IL8000167470
2. Page 1 of 1
3. Emergency Response Phone: (800) 451-8346
4. Manifest Tracking Number: 001528727 GBF

5. Generator's Name and Mailing Address
RS Used Oil Services, Inc.
23903 S. Ridgeland Avenue
Monee, IL 60449
Generator's Phone: (708) 534-0300 ATTN: William Kennedy

Generator's Site Address (if different than mailing address)
7601 W. 47th Street
McCook, IL 60525

6. Transporter 1 Company Name: Zirom Environmental Services, Inc.
U.S. EPA ID Number: IL8000107581

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

8. Designated Facility Name and Site Address
Greencastle WDF Facility
3301 South County Road 150 W
Greencastle, IN 46135
Facility's Phone: (800) 545-3484
U.S. EPA ID Number: IND006419212

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, UN1992, Waste Flammable Liquids, Toxic, n.o.s., 3(6.1), PG II (RQ-D001 (Petroleum Distillates, Tetrachloroethylene)	001	TT	5600	0	D001	D008	D039
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b.1) ERG# 131, Profile# LS 03385
UN# 777K 2 12 TK-12.2
Labels 110796

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: on behalf of RS Used Oil Services
Signature:
Month 11 Day 10 Year 11

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Patrick Murphy # 81-07
Signature:
Month 11 Day 10 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

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.

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

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

Ziron Environmental Services

Ziron Environmental Services, Inc.
302 E 25th St.
Chicago Heights, IL 60411
708-757-9601

SERVICE CALL SHEET - MAINTENANCE

Date:	11/10/11
Ziron Job #	77786212
Customer PO #	Alan R-3
Station #	
Generator #	
Notify #	Alan R-3
Shutdown - ~~Yes / No~~	Reg / OT / Hol
Mileage Upon Arrival	479595

Customer Information

Name: Ontek / RS
Street: 7601 W. 47th ST.
City/State: McCook IL.
Job Description: Full load Transport To Greencastle IN.

Employee Name(s)	Role
Pat McKay	Driver / Laborer
	Driver / Laborer
	Driver / Laborer

[redacted]

Truck # 81-07 Trailer # 8-01

Fills	Pumped	STPs	Pumped
Regular Fill		Regular STP	
Midgrade Fill		Midgrade STP	
Premium Fill		Premium STP	
Diesel Fill		Diesel STP	
Kerosene Fill		Kerosene STP	

Destination	Site	Dump	Shop	Other
Vapor Recoveries	Pumped	Dispenser Pans		Pumped
Regular Vapor Recovery		Disp. 1/2		
Midgrade Vapor Recovery		Disp. 3/4		
Premium Vapor Recovery		Disp. 5/6		
Diesel Vapor Recovery		Disp. 7/8		
Kerosene Vapor Recovery		Disp. 9/10		
		Disp. 11/12		
		Disp. 13/14		

Tank	Water Height	Gallons Pumped
Regular		
Midgrade		
Premium		
Diesel		
Kerosene		
Veeder Root Print Out Attached		~~Yes / No~~

Notes:

Dewatered location	~~Yes / No~~
All Functions Normal	~~Yes / No~~
Veeder Root Q#	

JOB CLEARANCE FORM

Gloves: ✓
Safety Vest: ✓
Safety Glasses: ✓
Hearing Protection: ____
Hard Hat: ✓
Steel Toe Boots: ✓

Sign In: ____ Sign Out: ____

Contractor: Pat McKay JSA # 3

Type of Material: Flammable Liquids
Total Gallons: 5600
Disposal Facility & Location: WDF Greencastle IN.
Manifest / Bill of Lading Document # 1528727GBF

Dumped and turned in:	Yes / No
Left in unit for later disposal:	Yes / No
Transferred to:	

X Leobardo Ortega 11/10/11
Customer Signature: Date:

LAND DISPOSAL RESTRICTION (LDR) AND NOTIFICATION FORM

A. Generator Name: RS Used Oil Services, Inc. US EPA ID# ILR000167478

Address: 7001 W. 47th St. Manifest # 001528727GBF

McCook, IL 60525 Profile# (s) LS_03385

B. ☐ (Check if applicable)

Restricted Waste contained in this shipment and referenced by the above Manifest number that are listed below, are subject to the treatment standards set forth in 40 CFR 268.40. For each waste code, list the corresponding Subcategory, if applicable. Record an "X" in the appropriate column below for Treatability Group and each disclosure form attached.

(1) Profile Number	(2) USEPA Hazardous Waste Codes	(3) Subcategory (if applicable)	(4) Treatability Group		(5)F001-F005 Disclosure Form Attached	(6) UTS Disclosure Form Attached	(7) Lab Pack 40 CFR 268 App.IV
			NWW	WW			
LS_03385	D001		X		NA		NA
	D003		X		NA		NA
	D039		X		NA		NA

(*) Include drum number if this waste pertains to a lab pack.

C.

Profile Number	USEPA Hazardous Waste Code	Constituent	Concentration
		☐ Liquid wastes containing Nickel	134 mg/L
		☐ Liquid wastes containing Thallium	130 mg/L
		☐ Wastes containing HOC's*	1000 mg/kg
		(*) HOC's as defined in 40 CFR 268 Appendix III.	

D. **LAB PACK CERTIFICATION:** If your waste is packaged in lab packs and does not contain any waste codes in Appendix IV (see list below), the following certification must be completed and the corresponding container numbers must be listed also. If the waste is packaged in lab packs and they include waste codes in Appendix (IV), then table B (page2) must be completed for those containers and the respective waste codes.

APPENDIX IV codes: D009, F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, and U151

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at 40 CFR 268.42 (c) (2). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Leobardo Ortega — Generator Signature — Date: 11/10/11

Container Numbers: 8-01

E. Notification Statement: This waste must be treated to the applicable treatment standards set forth in 40 CFR 268 Subpart D, Section 268.32, or RCRA Section 3004 (d). Waste analysis is attached where available, otherwise the information herein is based upon my through knowledge of the waste(s). I hereby certify that the information provided is complete and accurate based on my knowledge of the material.

Leobardo Ortega — Generator Signature — Date: 11/10/11

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

FILE COPY

97090

Customer RS

Truck No. 81-07

Address 25903 S. Ridgeland Ave. Monee IL.

Rail Car No.

Carrier Zion

Unloaded By

GROSS

TARE

NET

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil

To Tank 122 + 120

Gross Gals.

Ded.

Net Gals. 5433

WEIGHER

SHIPPER

Driver's Signature

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

ERTS Contract #: 4727

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IL R000167478
2. Page 1 of 1
3. Emergency Response Phone: (800) 451-8346
4. Manifest Tracking Number: 001528729 GBF

5. Generator's Name and Mailing Address
RS Used Oil Services, Inc.
23903 S. Ridgeland Avenue
Monee, IL 60449
Generator's Phone: (708) 534-9200 ATTN: William Kennedy

Generator's Site Address (if different than mailing address)
7601 W. 47th Street
McCook, IL 60525

6. Transporter 1 Company Name: Ziron Environmental Services, Inc.
U.S. EPA ID Number: IL R000107551

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

8. Designated Facility Name and Site Address
Greencastle WDF Facility
3301 South County Road 150 W
Greencastle, IN 46135
Facility's Phone: (800) 545-3445
U.S. EPA ID Number: IND006419212

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		
	1. RQ, UN1992, Waste Flammable Liquids, Toxic, n.o.s., 3(6.1), PG II (RQ-D001)(Petroleum Distillates, Tetrachloroethylene)					D001	D008	D039
X		001	TT	5700	G			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b1) ERG# 131, Profile# LS 03385
WI#7778621 2 Tank # 1234 120
Job no. 150783

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: on Behalf of RS Used Oil Services
Signature
Month / Day / Year: 11 / 11 / 11

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Patrick Mc Fay # 81-07
Signature
Month / Day / Year: 11 / 11 / 11

Transporter 2 Printed/Typed Name
Signature
Month / Day / Year

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.

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

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

LAND DISPOSAL RESTRICTION (LDR) AND NOTIFICATION FORM

A. Generator Name: RS Used Oil Services, Inc. US EPA ID# ILR000167478

Address: 7601 W. 47th St. Manifest # 001528729GBF

McCook, IL 60525 Profile# (s) LS_03385

B. [ ] (Check if applicable)

Restricted Waste contained in this shipment and referenced by the above Manifest number that are listed below are subject to the treatment standards set forth in 40 CFR 268.40. For each waste code, list the corresponding Subcategory, if applicable. Record an "X" in the appropriate column below for Treatability Group and each disclosure form attached.

(1) Profile Number	(2) USEPA Hazardous Waste Codes	(3) Subcategory (if applicable)	(4) Treatability Group		(5)F001-F005 Disclosure Form Attached	(6) UTS Disclosure Form Attached	(7) Lab Pack 40 CFR 268 App.IV
			NWW	WW			
LS_03385	D001		X		NA		NA
	D008		X		NA		NA
	D039		X		NA		NA

(*) Include drum number if this waste pertains to a lab pack.

C.

Profile Number	USEPA Hazardous Waste Code	Constituent	Concentration
		[ ] Liquid wastes containing Nickel	134 mg/L
		[ ] Liquid wastes containing Thallium	130 mg/L
		[ ] Wastes containing HOC's*	1000 mg/kg
		(*) HOC's as defined in 40 CFR 268 Appendix III	

D. **LAB PACK CERTIFICATION**: If your waste is packaged in lab packs and does not contain any waste codes in Appendix IV (see list below), the following certification must be completed and the corresponding container numbers must be listed also. If the waste is packaged in lab packs and they include waste codes in Appendix (IV), then table B (page2) must be completed for those containers and the respective waste codes.

APPENDIX IV codes: D009, F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, and U151 11 11 11

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at 40 CFR 268.42 (c) (2). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

[signature] 11/11/11

Generator Signature Date 11 11 11

Container Numbers: 8-01

Tanks # 1229/20

E. Notification Statement: This waste must be treated to the applicable treatment standards set forth in 40 CFR 268 Subpart D, Section 268.32, or RCRA Section 3004 (d). Waste analysis is attached where available, otherwise the information herein is based upon my through knowledge of the waste(s). I hereby certify that the information provided is complete and accurate based on my knowledge of the material.

[signature] 11/11/11

Generator Signature Date

Ziron Environmental Services

Ziron Environmental Services, Inc.
302 E 25th St.
Chicago Heights, IL 60411
708-757-9601

SERVICE CALL SHEET - MAINTENANCE

Date:	11/11/11
Ziron Job #	77786212
Customer PO #	Alan R-3
Station #	
Generator #	
Notify #	Alan R-3
Shutdown - Yes / No	Reg / OT / Hol
Mileage Upon Arrival	479978

Customer Information

Name: Arte R / RS
Street: 7600 W. 47th ST.
City/State: McCook IL
Job Description: Pull load Transport to WDF

Employee Name(s)	Role
Pat McKay	Driver / Laborer
	Driver / Laborer
	Driver / Laborer

Truck # 81-07 Trailer # 8-01

Fills	Pumped	STPs	Pumped
Regular Fill		Regular STP	
Midgrade Fill		Midgrade STP	
Premium Fill		Premium STP	
Diesel Fill		Diesel STP	
Kerosene Fill		Kerosene STP	

Destination	Site	Dump	Shop	Other
Vapor Recoveries	Pumped	Dispenser Pans		Pumped
Regular Vapor Recovery		Disp. 1/2		
Midgrade Vapor Recovery		Disp. 3/4		
Premium Vapor Recovery		Disp. 5/6		
Diesel Vapor Recovery		Disp. 7/8		
Kerosene Vapor Recovery		Disp. 9/10		
		Disp. 11/12		
		Disp. 13/14		

Tank	Water Height	Gallons Pumped
Regular		
Midgrade		
Premium		
Diesel		
Kerosene		
Veeder Root Print Out Attached		Yes / No

Notes:

Dewatered location	Yes / No
All Functions Normal	Yes / No
Veeder Root Q#	

JOB CLEARANCE FORM

Gloves: ✓
Safety Vest: ✓
Safety Glasses: ✓
Hearing Protection:
Hard Hat: ✓
Steel Toe Boots: ✓

Sign In: Sign Out:

Contractor: P McKay JSA # 3

Type of Material: Flammable Liquids

Total Gallons:

Disposal Facility & Location: WDF Greencastle IN

Manifest / Bill of Lading Document # 528729 GBF

Dumped and turned in:	(Yes) / No
Left in unit for later disposal:	Yes / No
Transferred to:	

X [signature] 11/11/11

Customer Signature: Date:

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

FILE COPY

97103

Customer RS

Truck No. 81-07

Address

Rail Car No.

Carrier Zitron

Unloaded By

GROSS

TARE

NET

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil

From Tank 120

Gross Gals.

Ded.

Net Gals. 3749

WEIGHER

SHIPPER

Driver's Signature

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

ERTS Contract # 4727

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IL R000167878
2. Page 1 of 1
3. Emergency Response Phone: (800) 451-8346
4. Manifest Tracking Number: 001528730 GBF

5. Generator's Name and Mailing Address
RS Used Oil Services, Inc.
25903 S. Ridgeland Avenue
Monee, IL 60449
Generator's Phone: (708) 534-9300 ATTN: William Kennedy

Generator's Site Address (if different than mailing address)
7601 W. 47th Street
McCook, IL 60525

6. Transporter 1 Company Name: Ziron Environmental Services, Inc.
U.S. EPA ID Number: ILR000107581

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

8. Designated Facility Name and Site Address
Greencastle WDF Facility
3301 South County Road 150 W
Greencastle, IN 46135
Facility's Phone: (800) 555-2485
U.S. EPA ID Number: IND006419212

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 D001	D008	D039
X	1. RQ, UN1992, Waste Flammable Liquids (Toxic, n.o.s., 3(6.1), PG II (RQ-D001)(Petroleum Distillates, Tetrachloroethylene)	001	TT	4000	G			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b1) ERG# 131, Profile# LS 03385
WO# 77786212
Job no. 110784

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: [illegible] Signature: [illegible] on behalf of RS Used Oil Services Month 11 Day 14 Year 11

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Patrick McKay # 81-07 Signature: [signature] Month 11 Day 14 Year 11
Transporter 2 Printed/Typed Name: Signature: Month Day Year

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.

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

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

Ziron Environmental Services, Inc.
302 E 25th St.
Chicago Heights, IL 60411
708-757-9601

Ziron Environmental Services

SERVICE CALL SHEET - MAINTENANCE

Date:	11/19/11
Ziron Job #	75786212
Customer PO #	Alan R-3
Station #	
Generator #	
Notify #	Alan R-3
Shutdown ~~Yes / No~~	Reg / OT / Hol
Mileage Upon Arrival	480324

Customer Information

Name: Ontek / RS
Street: 7601 W. 47th St.
City/State: McCook, IL
Job Description: Pull load transport to Greencastle IN.

Employee Name(s)	Role
Pat McKay	Driver / Laborer
	Driver / Laborer
	Driver / Laborer

Truck # 81-07 Trailer # 8-01

Fills	Pumped	STPs	Pumped
Regular Fill		Regular STP	
Midgrade Fill		Midgrade STP	
Premium Fill		Premium STP	
Diesel Fill		Diesel STP	
Kerosene Fill		Kerosene STP	

Destination	Site	Dump	Shop	Other

Vapor Recoveries	Pumped	Dispenser Pans	Pumped
Regular Vapor Recovery		Disp. 1/2	
Midgrade Vapor Recovery		Disp. 3/4	
Premium Vapor Recovery		Disp. 5/6	
Diesel Vapor Recovery		Disp. 7/8	
Kerosene Vapor Recovery		Disp. 9/10	
		Disp. 11/12	
		Disp. 13/14	

Tank	Water Height	Gallons Pumped
Regular		
Midgrade		
Premium		
Diesel		
Kerosene		
Veeder Root Print Out Attached		~~Yes / No~~

Notes:

Dewatered location	~~Yes / No~~
All Functions Normal	Yes / No
Veeder Root Q#	

JOB CLEARANCE FORM

Gloves: ✓
Safety Vest: ✓
Safety Glasses: ✓
Hearing Protection:
Hard Hat: ✓
Steel Toe Boots: ✓

Sign In: Sign Out:

Contractor: P McKay JSA # 3

Type of Material: Fammable Liquids

Total Gallons:

Disposal Facility & Location: WDF Greencastle IN.

Manifest / Bill of Lading Document # 1528730GBF

Dumped and turned in:	Yes / No
Left in unit for later disposal:	Yes / No
Transferred to:	

X Leobardo Ortega 11/19/11
Customer Signature: Date:

LAND DISPOSAL RESTRICTION (LDR) AND NOTIFICATION FORM

A. Generator Name: RS Used Oil Services, Inc. | US EPA ID# ILR000167478

Address: 7601 W. 47th St. | Manifest # 001526730GBF

McCook, IL 60525 | Profile# (s) LS_03385

B. [ ] (Check if applicable)

Prohibited Waste contained in this shipment and referenced by the above Manifest number that are listed below are subject to the treatment standards set forth in 40 CFR 268.40. For each waste code, list the corresponding Subcategory, if applicable. Record an "X" in the appropriate column below for Treatability Group and each disclosure form attached.

(1) Profile Number	(2) USEPA Hazardous Waste Codes	(3) Subcategory (if applicable)	(4) Treatability Group NWWW	(4) Treatability Group WW	(5) F001-F005 Disclosure Form Attached	(6) UTS Disclosure Form Attached	(7) Lab Pack 40 CFR 268 App IV
LS_03385	D001		X		NA		NA
	D000		X		NA		NA
	D039		X		NA		NA

(*) Include drum number if this waste pertains to a lab pack.

C.

Profile Number	USEPA Hazardous Waste Code	Constituent	Concentration
		[ ] Liquid wastes containing Nickel	134 mg/L
		[ ] Liquid wastes containing Thallium	130 mg/L
		[ ] Wastes containing HOC's*	1000 mg/kg
		(*) HOC's as defined in 40 CFR 268 Appendix III	

D. **LAB PACK CERTIFICATION**: If your waste is packaged in lab packs and does not contain any waste codes in Appendix IV (see list below), the following certification must be completed and the corresponding container numbers must be listed also. If the waste is packaged in lab packs and they include waste codes in Appendix (IV), then table B (page2) must be completed for those containers and the respective waste codes.

APPENDIX IV codes: D009, F019, K003, K004, K006, K008, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, and U151

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at 40 CFR 268.42 (c) (2). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Leobardo Ortega — Generator Signature | 11/14/11 — Date

Container Numbers: 8-01

Tank # 120

E. Notification Statement: This waste must be treated to the applicable treatment standards set forth in 40 CFR 268 Subpart D, Section 268.32, or RCRA Section 3004 (d). Waste analysis is attached where available, otherwise the information herein is based upon my through knowledge of the waste(s). I hereby certify that the information provided is complete and accurate based on my knowledge of the material.

Leobardo Ortega — Generator Signature | 11/14/11 — Date

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

97035

DRIVER'S COPY

Customer RSUsdOil

Truck No. 81-07

Address

Rail Car No.

Carrier Zinco Env.

Unloaded By

Gross Weight: 36020 lb
Tare Weight: 00 lb
Net Weight: 36020 lb
07 Nov 2011 06:07:58

GROSS

TARE

NET

Gross Weight: 76320 lb
Tare Weight: 00 lb
Net Weight: 76320 lb
07 Nov 2011 07:28:48

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil

From To Tank 746

Gross Gals.

Ded.

Net Gals. 5,490

WEIGHER

SHIPPER

Driver's Signature

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

ERTS Contract #: 4727

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: IL R000167478	2. Page 1 of 1	3. Emergency Response Phone: (800) 451-8346	4. Manifest Tracking Number: 001528724 GBF

GENERATOR

5. Generator's Name and Mailing Address
RS Used Oil Services, Inc.
25903 S. Ridgeland Avenue
Monee, IL 60449
Generator's Phone: (708) 534-0300 ATTN: William Kennedy

Generator's Site Address (if different than mailing address)
7601 W. 47th Street
McCook, IL 60525

6. Transporter 1 Company Name: Ziron Environmental Services, Inc.
U.S. EPA ID Number: IL R000107581

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

8. Designated Facility Name and Site Address
Greencastle WDF Facility
3301 South County Road 150 W
Greencastle, IN 46135
Facility's Phone: (800) 555-3485
U.S. EPA ID Number: IND006419212

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, UN1992, Waste Flammable Liquids, Toxic, n.o.s., 3(6.1), PG II (RQ-D001)(Petroleum Distillates, Tetrachloroethylene)	001	TT	5600	G	D001	D008	D039
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b1) ERG# 131, Profile# LS 03385
WO# 77786212
Job no. 110779

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: | Signature: on behalf of RS Used Oil Services | Month | Day | Year

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: Patrick McKay #8[illegible] | Signature: [illegible] | 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. | 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.

GENERATOR'S INITIAL COPY

Ziron Environmental Services, Inc.
302 E 25th St.
Chicago Heights, IL 60411
708-757-9601

Environmental Services

SERVICE CALL SHEET - MAINTENANCE

Date:	11/7/11
Ziron Job #	77786212
Customer PO #	Alan R-3
Station #	
Generator #	
Notify #	Alan R-3
Shutdown - ~~Yes / No~~	Reg / OT / Hol
Mileage Upon Arrival	478934

Customer Information

Name: Ortek
Street: 7601 W. 47th St.
City/State: McCook, IL
Job Description: Pull load of Oil Transport To Greencastle IN.

Employee Name(s)	Role
Pat McKay	Driver / Laborer
	Driver / Laborer
	Driver / Laborer

[redacted]

Truck # 8107 Trailer # 8-01

Fills	Pumped	STPs	Pumped
Regular Fill		Regular STP	
Midgrade Fill		Midgrade STP	
Premium Fill		Premium STP	
Diesel Fill		Diesel STP	
Kerosene Fill		Kerosene STP	

Destination	Site	Dump	Shop	Other
Vapor Recoveries	Pumped	Dispenser Pans		Pumped
Regular Vapor Recovery		Disp. 1/2		
Midgrade Vapor Recovery		Disp. 3/4		
Premium Vapor Recovery		Disp. 5/6		
Diesel Vapor Recovery		Disp. 7/8		
Kerosene Vapor Recovery		Disp. 9/10		
	Front	Disp. 11/12		
		Disp. 13/14		

Tank	Water Height	Gallons Pumped
Regular		
Midgrade		
Premium		
Diesel		
Kerosene		

Notes:

Dewatered location	Yes / No
All Functions Normal	Yes / No
Veeder Root Print Out Attached	Yes / No
Veeder Root Q#	

JOB CLEARANCE FORM

Gloves:
Safety Vest:
Safety Glasses:
Hearing Protection:
Hard Hat:
Steel Toe Boots:

Sign In: Sign Out:

Contractor: P. McKay JSA # 3

Type of Material: Flammable Liquids
Total Gallons: 5600
Disposal Facility & Location: WDF Greencastle, IN.

Dumped and turned in:	Yes / No
Left in unit for later disposal:	Yes / No
Transferred to:	

Manifest / Bill of Lading — Document # 1528724 GBF

X Leobardo Ortega 11/7/11
Customer Signature: Date:

LAND DISPOSAL RESTRICTION (LDR) AND NOTIFICATION FORM

A. Generator Name: RS Used Oil Services, Inc. US EPA ID# ILR000167478

Address: 7601 W. 47th St. Manifest # 001528724GBF

McCook, IL 60525 Profile# (s) LS_03385

B. [ ] (Check if applicable)

Restricted Waste contained in this shipment and referenced by the above Manifest number that are listed below are subject to the treatment standards set forth in 40 CFR 268.40. For each waste code, list the corresponding Subcategory, if applicable. Record an "X" in the appropriate column below for Treatability Group and each disclosure form attached.

(1) Profile Number	(2) USEPA Hazardous Waste Codes	(3) Subcategory (if applicable)	(4) Treatability Group		(5)F001-F005 Disclosure Form Attached	(6) UTS Disclosure Form Attached	(7) Lab Pack 40 CFR 268 App.IV
			NWW	WW			
LS_03385	D001		X		NA		NA
	D008		X		NA		NA
	D039		X		NA		NA

(*) Include drum number if this waste pertains to a lab pack.

C.

Profile Number	USEPA Hazardous Waste Code

Constituent	Concentration
[ ] Liquid wastes containing Nickel	134 mg/L
[ ] Liquid wastes containing Thallium	130 mg/L
[ ] Wastes containing HOC's*	1000 mg/kg

(*) HOC's as defined in 40 CFR 268 Appendix III

D. **LAB PACK CERTIFICATION**: If your waste is packaged in lab packs and does not contain any waste codes in Appendix IV (see list below), the following certification must be completed and the corresponding container numbers must be listed also. If the waste is packaged in lab packs and they include waste codes in Appendix (IV), then table B (page2) must be completed for those containers and the respective waste codes.

APPENDIX IV codes: D009, F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, and U151

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at 40 CFR 268.42 (c) (2). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Leobardo Ortega — Generator Signature

11-7-11 — Date

Container Numbers: 8-01

TK-146

E. Notification Statement: This waste must be treated to the applicable treatment standards set forth in 40 CFR 268 Subpart D, Section 268.32, or RCRA Section 3004 (d). Waste analysis is attached where available, otherwise the information herein is based upon my through knowledge of the waste(s). I hereby certify that the information provided is complete and accurate based on my knowledge of the material.

Leobardo Ortega — Generator Signature

11-7-11 — Date

ATTACHMENT G

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: Ortek Inc
5915 Star Lane, Houston, TX 77057	Street Address: 7601 W 47th St
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: McCook, IL 60525
Website: precisionlabs.org	

INVOICE No.	49400	DATE RECEIVED	07-08-2011
LAB REFERENCE No.	2011-07-136	DATE/TIME COLLECTED	07-07-2011@2:30pm
AUTHORIZED BY	Bob Kolav	MATRIX TYPE	Liquid
PRODUCT ID	WO 4,5,6,101		

PARAMETER	TEST METHOD	REPORTING LIMIT	TEST RESULTS
PCB'S, PPM	S.W. 8082	0.50	BRL
Heavy Metals, PPM			
Arsenic	EPA-6010	0.50	BRL
Barium	EPA-6010	0.10	9.02
Cadmium	EPA-6010	0.10	BRL
Chromium	EPA-6010	0.15	179
Lead	EPA-6010	0.39	5.07
Mercury	EPA-6010	0.17	BRL
Selenium	EPA-6010	0.63	BRL
Silver	EPA-6010	0.13	BRL

Daniel Zabihi **Date: 07-08-2011**
QA Manager

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS
15 Star Lane, Houston, TX 77057
Ph. 713-680-9425 Fax: 713-680-9564
Website: precisionlabs.org

Client Name: Ortek Inc
Street Address: 7601 W 47th St
City, State, Zip: McCook, IL 60525

INVOICE No.	49400	DATE RECEIVED	07-08-2011
LAB REFERENCE No.	2011-07-134	DATE/TIME COLLECTED	07-07-2011@2:00pm
AUTHORIZED BY	Bob Kolav	MATRIX TYPE	Liquid
PRODUCT ID	Glycol 324,325,410,411		

	TEST METHOD	REPORTING LIMIT	TEST RESULTS
Heavy Metals, PPM			
Arsenic	EPA-6010	0.50	25.28
Barium	EPA-6010	0.10	0.15
Cadmium	EPA-6010	0.10	BRL
Chromium	EPA-6010	0.15	BRL
Lead	EPA-6010	0.39	1.00
Mercury	EPA-6010	0.17	BRL
Selenium	EPA-6010	0.63	BRL
Silver	EPA-6010	0.13	BRL

Daniel Zabihi
QA Manager

Date: 07-08-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

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PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: Ortek, Inc.
5915 Star Lane, Houston, TX 77057	Street Address: 7601 West 47th Street
Ph. 713-680-9425 Fax: 713-680-9564	City, State, Zip: McCocok, IL 605252
Website: precisionlabs.org	

INVOICE No.	55141	DATE RECEIVED	11-06-2012
LAB REFERENCE No.	2012-11-175	DATE/TIME COLLECTED	11-05-2012@3:00pm
AUTHORIZED BY	Lowell Aughenbaugh	MATRIX TYPE	Liquid
PRODUCT ID	TK 324, 325, 410, 411		

TOTAL METAL	TEST METHOD	PREPARATION METHOD	REPORTING LIMIT, PPM	TEST RESULTS, PPM
Arsenic	EPA-6020	EPA-3040/3050	0.50	1.16

Daniel Zabihi
QA Manager

Date: 11-07-2012

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.

5915 STAR LANE HOUSTON, TX 77057
PH 713-680-9425 FAX: 713-680-9664 WEBSITE: PRCISIONLABS.ORG

CHAIN OF CUSTODY

PROJECT NAME AND LOCATION

ORTEK INC. (SAME AS BELOW)
CONTACT: LOWELL AUGHENBAUGH
PH#708-762-5117 FAX# 708-762-5118 *

CLIENT NAME

ORTEK INC.
7601 WEST 47TH STREET
MCCOOK ILLINOIS 60525

LABORATORY ANALYSIS

	DATE	TIME	Gravity API @ 60°F	Flash Point	Sulfur	Ash	Total halogens	PCB's	Water by distillation	Water by K.F	BTU's	As, Cd, Cr, Pb	Viscosity @	Pour point	Sediment by Extraction	8260 Halogenated voc's (rebuttal)	Metals (8 RCRA) Total or TCLP	Volatiles Total or TCLP	Semi-volatiles Total or TCLP	Pesticides & herbicides Total or TCLP	Total petroleum hydrocarbons	BTEX	Distillation	FULL BIODIESEL TESTING D-6751	FULL BIODIESEL EN SPECS	FREE&TOTAL GLYCERIN	COMPLETE FUEL OIL TESTING	RUSH (EXTRA FEE APPLIES)
TK 324,325,410,411	11/5/12	3 pm																										X

Please Run
6020 ARSENIC ONLY

2012-11-175
ORTEK, INC
Sample ID: TK 324,325,410,411 11-5-2012
Date Received 11-06-2012
Authorized By LOWELL AUGHENBAUGH

SPECIAL INSTRUCTIONS:	TRANSFER NUMBER	TRANSFER RELINQUISHED BY:	ACCEPTED BY	DATE	TIME
Run 6020 ARSENIC					
only		Bob Hale	8:00 AM		
FAX Results ASAP *				NOV 06 2012	

NOV 06 2012

OTHER METALS(PLEASE CIRCLE): AG, AL, BA, BE, B, CA, CO, FE, PB, MG, MN, HG, MO, NI, P, K, SE, SI, NA, TL, SN, TI, V, ZN

ATTACHMENT H

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

August 23, 2011

Client: Future Environmental, Inc.
Address: 19701 S. 97th Ave.
Mokena, IL 60448

Date Collected: 8/19/2011
Date Received: 8/22/2011
Project #: N/A
Client ID #: Tank 400
Laboratory ID #: 1117292-01
Matrix: Liquid

Parameter	Method	Results	Date of Analysis
API	D4052	29.2	8/22/2011
Arsenic	6010	<1.0ppm	8/22/2011
Ash	D482-02	0.56%	8/22/2011
BTU/gal	D-240-09	136346/gal	8/22/2011
BTU/lb	D-240-09	18596/lb	8/22/2011
Cadmium	6010	<0.1ppm	8/22/2011
Chromium	6010	<4.0ppm	8/22/2011
Flash Point	1010	>200°F	8/22/2011
Lead	6010	8.3ppm	8/22/2011
PCB	8082	<1.0ppm	8/22/2011
Specific Gravity	D4052	0.8805	8/22/2011
Sulfur, Wt%	D-4294	0.1362%	8/22/2011
Total Halogen, PPM	9075	739.0ppm	8/22/2011

QA Manager: RA Gibas

Sample #	Sample ID	Location/Customer	Date	PCB's	Water %	Halogens	Flash	Comments/Description
	Tank 7	Ortek	1/26/2012	ND	4.26	400	>200	
	Tank 7	Ortek	3/12/2012	ND	3.81	896	>200	
	Tank 7	Ortek	4/2/2012	ND	5.02	858	>200	
	Tank 7	Ortek	5/8/2012	ND	4.42	741	>200	From Jeff
	Tank 7	Ortek	6/21/2012	ND	8.10	688	>200	
	Tank 7	Ortek	7/12/2012	ND	6.86	517	>200	
	Tank 7	Ortek	7/19/2012	ND	2.61	215	>200	
	Tank 7	Ortek	7/23/2012	ND	7.78	828	>200	
	Tank 7	Ortek	8/10/2012	ND	7.35	370	>200	
	Tank 7	Ortek	9/10/2012	ND	3.97	246	>200	From Truck 41
	Tank 7	Ortek	9/13/2012	ND	4.22	233	>200	
	Tank 7	Ortek	9/20/2012	ND	7.13	753	>200	
	Tank 7	Ortek	10/2/2012	ND	4.94	285	>200	
	Tank 7	Ortek	10/23/2012	ND	5.70	299	>200	

Sample #	Sample ID	Location/Customer	Date	PCB's	Water %	Halogens	Flash	Comments/Description
	Tank 8	Ortek	1/16/2012	ND	3.70	650	>200	
	Tank 8	Ortek	2/10/2012	ND	4.62	857	>200	
	Tank 8	Ortek	2/17/2012	ND	5.86	872	>200	
	Tank 8	Ortek	3/22/2012	ND	5.62	460	>200	
	Tank 8	Ortek	4/12/2012	ND	3.83	649	>200	
	Tank 8	Ortek	5/21/2012	ND	8.13	745	>200	
	Tank 8	Ortek	6/7/2012	ND	3.33	808	>200	
	Tank 8	Ortek	7/3/2012	ND	4.96	603	>200	
	Tank 8	Ortek	7/30/2012	ND	3.74	756	>200	
	Tank 8	Ortek	8/30/2012	ND	3.97	421	>200	
	Tank 8	Ortek	9/6/2012	ND	4.35	226	>200	From Jeff
	Tank 8	Ortek	9/7/2012	ND	3.31	491	>200	
	Tank 8	Ortek	9/17/2012	ND	4.13	342	>200	
	Tank 8	Ortek	10/11/2012	ND	4.07	256	>200	

ATTACHMENT I

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

97305

Customer IRG

Address

Carrier

Truck No. 010 / 481003

Rail Car No.

Unloaded By

GROSS

TARE

NET

Gross Weight: 71000 lb
Tare Weight: 00 lb
Net Weight: 71000 lb

Gross Weight: 26480 lb
Tare Weight: 00 lb
Net Weight: 26480 lb

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Bill to 1.10 et 12/22/11

Type Oil ~~To~~ From # Tank 129

Gross Gals. 71,000 Ded. 26,480 Net Gals. 44,520 ÷ 7.34 = 6,065 gal

WEIGHER

SHIPPER

Driver's Signature Zach Petty

ILLINOIS RECOVERY GROUP

IRG

ILLINOIS RECOVERY GROUP,INC.

445 Roosevelt Street Morris IL. 60450
Remit To: P.O. Box 866 Morris IL. 60450

(847) 671-3494 EPA Licensed Waste Hauler #5024

NORTH AMERICAN WASTE REFINING CO.
7601 W. 47TH STREET
MCCOOK IL 60525

708-762-5117 LORI

Account Number	Scheduled Service Date	Actual Service Date	Driver	Route	Interval	Invoice Number
5176	10/17/2011	12/9/11			1	116072

Recycling Services

Product Description	Quantity Gallons	Price Per Gallon	Amount
Non Hazardous, Not Regulated Used Oil			6,065
Used Antifreeze-			

Other Services

Product Description	Quanity	Price	Amount
Oil Filter Totes Removed -			

Amount of used filters on site	Customer Signature	Total Amount
	LHW	

Lab Evaluation

Date: __ December 6th 2011

Generator: / Source = Tank 129

Process\Product\Waste Description: _____

_____

Wastewater, Coolant\Emulsified, Oil\Fuel, Glycol, Other

Metals (by ICP/MS, SW6020/SW3005A, et al)				
Parameter	Result	RCRA Limit	Units	
Total Metals				
Arsenic	OK	5.0	mg/L (ppm)	Antimony, Cobalt, Molybdenum, Silicon
Barium		100.0	mg/L (ppm)	Cyanide
Cadmium	OK	1.0/2.0	mg/L (ppm)	Titinium
Chromium	OK	5.0/10.0	mg/L (ppm)	
~~Copper~~			mg/L (ppm)	
Lead	OK	5.0/100	mg/L (ppm)	Permit Condition 8a (p.10) suggests checking for
~~Magnesium~~			mg/L (ppm)	Metals of Concern using ASTM method E-1097
~~Nickel~~			mg/L (ppm)	
Selenium		1.0	mg/L (ppm)	
Silver		5.0	mg/L (ppm)	
~~Tin~~			mg/L (ppm)	
~~Zinc~~			mg/L (ppm)	
Mercury		0.2	mg/L (ppm)	

Parameter	Results	Limit	Comments
pH		2-12.5	Hazardous outside this pH range
Water \ BS&W \ Solids \ oil			
Visual Appearance			
Characteristics			
Flash Point	OK	100-140 F	Minimum
Treatability, Ortek specific			
Specific Gravity (water = 1)			
PCBs	OK	2 ppm	Operating Permit Condition 9 (p.10)
P, Zn, S			
Total Halogens (x-ray fluorescence)	879	1000	

Rebutable Presumption if Halogens Cl > 1000ppm (VOCs by e.g. Method 8260B/5030B) no Chlorinated >100 ppm

Full TCLP on non-used-oil wastes & waste Glycols

Cyanide (CWT limit of 136 ppm requires monitoring) Titinium