

Waste Management Plan

East Broadway Avenue

7/29/11

[Signature] CFPL
7/30/11

APPROVED
[Signature] EPA 30 JUL 11

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1.0 Introduction and Purpose

The proper handling and disposal of contaminated waste is a primary objective of the East Broadway Release Unified Command. This plan will ensure that The Central Florida Pipeline Company meets this objective and will document their compliance and adherence to the rules, regulations and findings contained in Florida Administrative Code (F.A.C.) 62-730, Chapter 64E-16 F.A.C., Florida Statutes (F.S.) Chapter 403 and Title 40 of the Code of Federal Regulations (CFR) Part 261. This plan is written as a working document to be updated and approved by the Unified Command when/if operational needs or objectives change.

2.0 Waste Management Locations

The Area of Response (AOR) is comprised of five (5) Divisions that are defined and separated by geographical boundaries (See Appendix A, AOR Division Maps). All recovered contaminated waste will be secured in approved containers and transferred to the Unified Commands Staging Site located at the west corner of Autoway Drive and County Road 574, Hillsborough County, Florida and identified on the Division 1 map with the symbol “S”. This site will be continually monitored to ensure that any releases caused inadvertently, accidentally or by container integrity failure is identified and addressed in an expeditious manner. There will be an option to place a container at the Staging Site located on Queen Palm Ave, Tampa, FL and identified on the Division 2 Map with the symbol “D”. Centralizing this function will take advantage of economies of scale and increase the efficiency thus speeding production and lessening the effects of the spill.

3.0 Classification and Disposal Methods of Waste Material

Recovered waste will be classified as non-impacted solid waste, petroleum hydrocarbon impacted liquid waste, petroleum hydrocarbon impacted soil/sand (aka Non-RCRA Regulated Industrial Solid Waste), impacted solid waste and animal carcasses. The waste classifications shall determine the appropriate handling procedures, the disposal locations, and methods for final disposal. The classification and handling methods outlined in this plan have been approved by Unified Command and are compliant with the Florida Administrative Code Chapters 62-730 and 64E-16, Florida Statute Chapter 403 and Title 40 CFR Part 261. Observations made in the field by industry professionals, analytical laboratory testing, and information contained in the Material Safety Data Sheet (MSDS) for the material of concern (Appendix B)

were used to make the determination that none of the solid waste recovered, during this response, meets the definitions contained in 40CFR Part 261 for Hazardous Waste and should be managed for disposal as non-RCRA regulated industrial solid waste.

3.1 Non-Impacted Solid Waste

This category consists of all types of non hazardous solid waste that are removed from the AOR but were not impacted by oil. The types of material that we expect to be removed under this classification are:

- Non contaminated vegetative debris
- Non contaminated litter
- Non contaminated construction and demolition debris
- Non contaminated landscaping materials

All non-impacted solid waste will be placed in clearly marked solid waste containers located at either the Autoway Drive or Queen Palm Avenue Staging areas which will serve as the collection point for non-contaminated solid waste only. Depending on the size of the materials it may, or may not be placed into a bag prior to going into the container. On an as needed bases the dumpster will be transported by SWS to the Hillsborough County landfill.

3.2 Petroleum Hydrocarbon Impacted Liquid Waste

This category is comprised of the following recovered liquids:

- Petroleum Product
- Petroleum Contact Water (PCW)
- Decontamination Water

The disposal of all liquids in this category will be will be handled identically. The contaminated liquid recovered during emergency response operations will be transported by vacuum trucks to frac tanks located at the Autoway Drive staging area for interim storage. The contaminated liquid contained within the frac tanks will be gauged and logged on a daily basis.

The liquids will then be transferred to FCC Environmental owned tanker transport vehicles and transported to their approved facility located in Plant City, Florida for reprocessing, treatment and final disposal. At no time will the water level within the frac tanks fall below three (3) feet in depth, nor be filled to within one (1) foot of the top of the frac tank. This is outlined in the Unified Command approved Kinder Morgan FCC Contaminated Liquids Disposal Profile (Attachment C). This facility is permitted by the Florida Department of

Environmental Protection (FDEP) to accept non-hazardous waste materials of this type for processing, recycling, and further processing wastewater by the City of Plant City Publically Owned Treatment Works (POTW). Processed petroleum hydrocarbon materials shall be recycled into burn fuels for use in permitted asphalt plants, cement plants, soil thermal treatment plants, and/or fuels for the co-generation of electricity

3.3 Petroleum Hydrocarbon Impacted Soil/Sand/Sediment

Soil, sand and sediment removed during the response will be placed in lined storage containers at the Autoway Drive Staging Site to await transport to the Clark Environmental, Inc. soil thermal treatment facility located in Mulberry, Florida for soil thermal treatment and final disposal. The residual post burn product shall be utilized, as permitted, for the use as backfill material on commercial, industrial, or highway construction projects. This is outlined in the Unified Command approved Kinder Morgan Clark Environmental Soil Disposal Profile (Attachment D). This facility is permitted by FDEP to accept waste of this type for soil thermal treatment and final disposal.

Analytical laboratory testing shall be performed, as required, based upon the actual tonnage tendered into Clark Environmental, Inc. for soil thermal treatment; Testing shall be in accordance with the FDEP specified sampling frequency and analysis parameters as outlined in Clark Environmental Inc.'s FDEP operating permit and posted on the Clark Environmental, Inc. website.

3.4 Petroleum Hydrocarbon Impacted Solid Waste

Items with this category can consist of, but are not limited to, the following contaminated waste materials that are typically encountered in an Oil Spill response:

- Booms, Pads, and sorbent materials
- Personal Protective Equipment (PPE) materials that are disposable (tyvek suits, gloves, booties) or cannot be effectively decontaminated
- Impacted animal carcasses.
- Contaminated vegetative debris
- Contaminated construction and demolition debris
- Contaminated litter
- Contaminated landscaping materials

Items that are able to fit will be double bagged in waste disposal bags to

prevent potential contaminant migration and placed into a lined roll-off container at the Autoway Drive Staging Area. Contaminated waste that will not fit into disposal bags will be placed directly into a roll-off container that, if needed, will be stored at the Autoway Drive Staging Area. These containers will be placed in a manner so as to allow excess water to separate from the solid material prior moving haul out of the solids. The resulting liquid will be treated under the Petroleum Hydrocarbon Impacted Liquid Waste classification. Once full, the roll-off will be transported by SWS Environmental Services directly to either Waste Management's secure, industrial landfill (Class D) located in Okeechobee, Florida or Republic's (Class 1) landfill located in Bartow, FL for proper disposal. This is outlined in the Unified Command approved Kinder Morgan Solid Waste Profiles (Attachment E). These facilities are permitted by FDEP to accept waste of this type for final disposal.

Waste composite sampling and Analytical laboratory analysis of materials offered for disposal shall be conducted to establish data to be utilized for the purposes of examination in making the hazardous waste determination as required by 40CFR Part 261 & FDEP mandates.

4.0 Documentation of Waste Management Process

All waste transportation & disposal activities will be logged maintained by Central Florida Pipeline Company or an authorized agent and maintained as part of the record of this response. This documentation may include, but is not limited, to the following:

- A summary of all trucks leaving the site and copies of the applicable transportation manifests.
- Verification that all applicable transportation manifests, labeling, and placarding were completed in accordance with Florida Department of Transportation (FDOT) and Florida Department of Environmental Protection (FDEP) mandates and requirements.
- Unified Command approved waste management final disposal profiles
- Final disposal site permitting information for the type of waste that was disposed of for each applicable facility.
- An inventory of exact type and count of any animal carcasses encountered pursuant to Federal regulations.

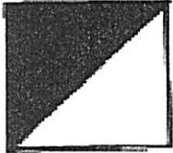








Appendix A

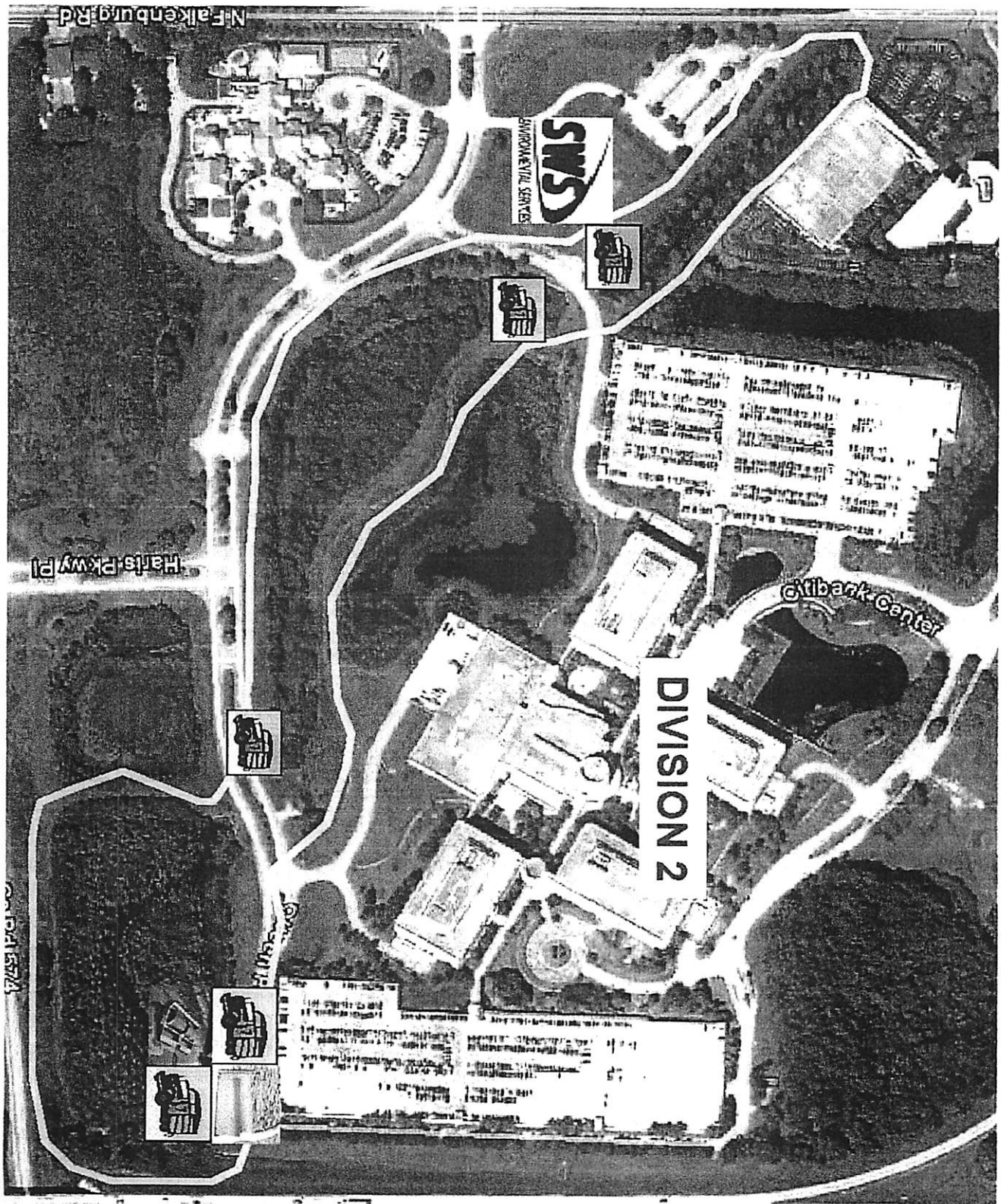
AOR Division Maps

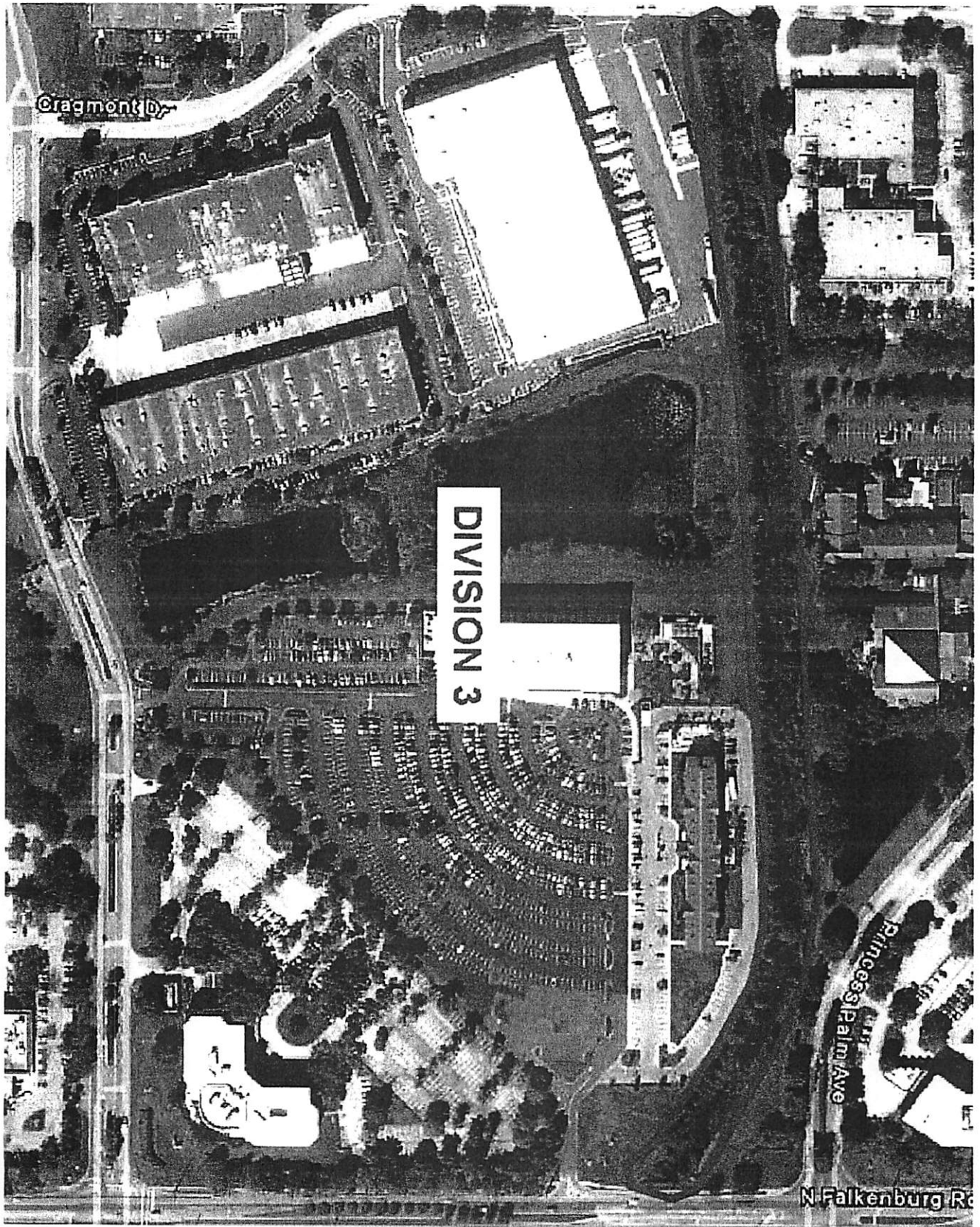
East Broadway Release AOR Division Map

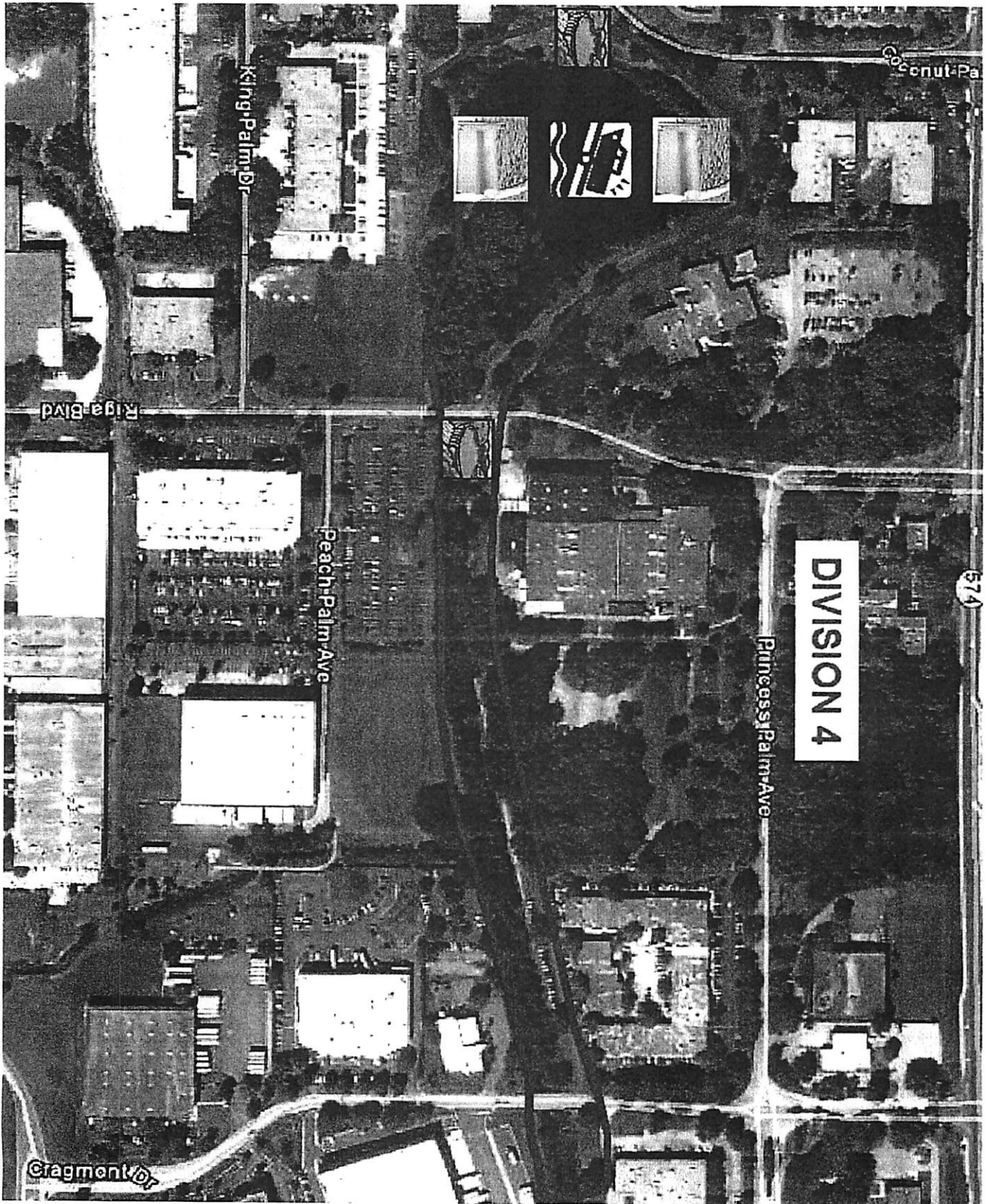


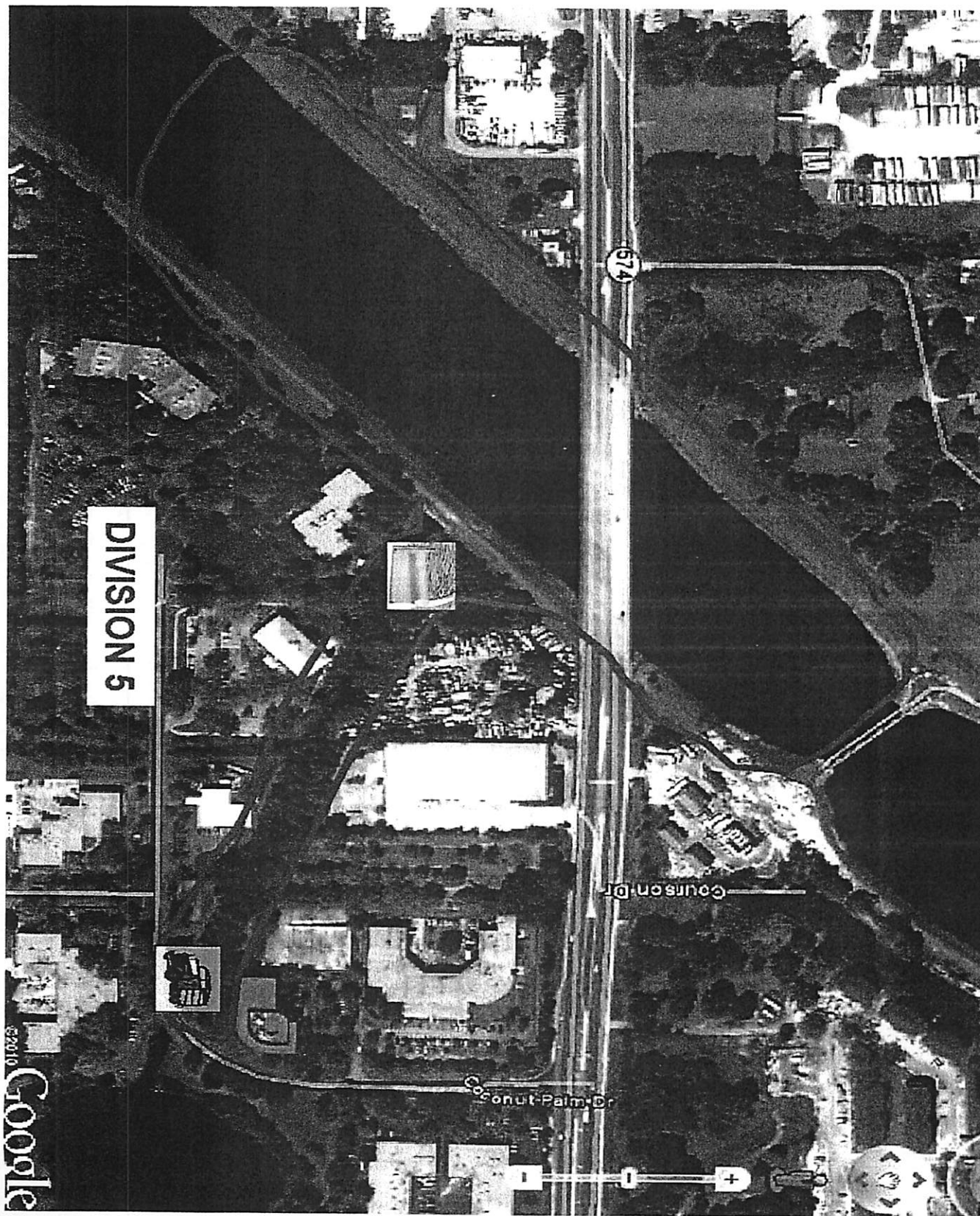
Map Legend of Response Assets

Forward Command Post	
Frac Tank Staging Site	
SWS Staging Site	
Vacuum Truck	
Underflow Dam	
Containment Boom	
Skimmer	
Small Jon Boat	
	









Appendix B

Material Safety Data Sheet for Released Petroleum Product

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WHMIS Pictograms



GHS Pictograms



SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION:

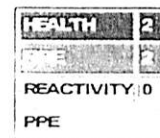
9208

Product Name	Jet Fuel
Synonyms	No. 1 Fuel Oil; No. 1 Diesel Oil; Kerosene; No. 1 Fuel Oil; Off Road, Jet, JP, R, No. 1 Heating Oil, Kerosene Blend
Chemical Type	Mixture
Manufacturer MSLTS	9208
Manufacturer Name	Koch Supply and Trading, LP
Address	PO Box 2302 Wichita KS 67201-2302 US
Email	kstf@ktsupply.com
Emergency Phone	316-262-5601
CHEMTREC Numbers:	
For emergencies in the US, call the MTRC 1-800-424-9300	
Emergency Number	1-800-280-6555
	Version ## 01
Product Code	200

NFPA



HMIS

10. Type of pump:

SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

9208

Ingredient Name	CAS#	Ingredient Percent
Kerosine (Petroleum) E.C. Index Number: 215-626-2	8008-20-9	0-100%
Distillates (petroleum), Light Hydrocarbons E.C. Index Number: 215-626-2	6473-1	0-100%
Kerosine, (petroleum), hydrosulf. free E.C. Index Number: 215-626-2	8008-20-9	0-100%

composition comments: All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. For more detailed chemical composition refer to the certificate of analysis.

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SECTION 3 : HAZARDS IDENTIFICATION

9208

<p>1. Chemical Name: 2,4-Dichlorophenol</p> <p>2. CAS No: 120-83-2</p> <p>3. Synonyms: 2,4-Dichlorophenol</p> <p>4. Formula: <chem>Clc1cc(Cl)ccc(O)c1</chem></p> <p>5. Molecular Weight: 163.02 g/mol</p> <p>6. Density: 1.48 g/cm³</p> <p>7. Boiling Point: 174°C</p> <p>8. Melting Point: 32°C</p> <p>9. Solubility: Soluble in water, alcohol, and many organic solvents.</p> <p>10. Odor: Pungent, phenolic odor.</p> <p>11. Appearance: White crystalline solid.</p> <p>12. Hazards: Corrosive to skin and eyes. May cause respiratory irritation. Possible environmental harm to aquatic life.</p> <p>13. Precautions: Wear protective gear (gloves, goggles, respirator). Avoid contact with skin and eyes. Store in a cool, dry place.</p> <p>14. First Aid: In case of skin contact, wash with plenty of water. In case of eye contact, flush with water for at least 15 minutes. Seek medical attention if irritation persists.</p> <p>15. Disposal: Dispose of in accordance with local, state, and federal regulations for hazardous waste.</p> <p>16. Regulatory Status: OSHA regulatory status: This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).</p>	<p>17. Health Effects: Irritation of skin and eyes. Inhalation may cause respiratory irritation. Possible harm to aquatic life if released into the environment.</p> <p>18. Environmental Fate: Persistent in the environment. May bioaccumulate in aquatic organisms.</p> <p>19. Ecotoxicity: Harmful to aquatic life with long-term effects.</p> <p>20. Persistence: Persistent in the environment.</p> <p>21. Biodegradability: Biodegradable under certain conditions.</p> <p>22. Bioaccumulation: May bioaccumulate in aquatic organisms.</p> <p>23. Transport: Transport as a solid, flammable liquid, or gas, depending on the form.</p> <p>24. Storage: Store in a cool, dry place, away from heat and fire. Use appropriate containment.</p> <p>25. Labeling: Label with hazard statements and pictograms. Use appropriate hazard communication.</p> <p>26. Safety Data Sheet (SDS): Refer to the SDS for detailed information on hazards, handling, and disposal.</p> <p>27. Regulatory Information: OSHA regulatory status: This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).</p>
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Applies to All Ingredients:

Route of Exposure	Inhalation, Eye Contact, Skin Contact, Ingestion
Extent of Health Effects	
Eye Contact	May cause eye irritation. May cause redness and pain.
Skin Contact	Causes skin irritation.

Inhalation:	Breathing of high concentrations may cause dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness.
Ingestion:	Harmful or fatal if swallowed. Can enter lungs and cause damage.
Chronic Health Effects:	Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema/chapping and oil acne. May cause damage to the liver.
Target Organs:	Eyes. Skin. Central nervous system.
Signs/Symptoms:	Skin irritation. Irritation of eyes and mucous membranes. Defatting of the skin. Dermatitis. May irritate and cause malaise. Potential environmental effects: Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

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SECTION 4 : FIRST AID MEASURES

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Eye Contact:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation develops or persists.
Skin Contact:	Immediately remove contaminated clothing. Wash with soap and water. Continue to rinse for at least 15 minutes. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention if discomfort develops or persists.
Ingestion:	Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and take these instructions.
Note to Physicians:	Treat symptomatically. The effects might be delayed. General advice: Get medical attention if any discomfort develops.

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SECTION 5 : FIRE FIGHTING MEASURES

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Fire:	Flammable properties: The product is flammable, and heating may generate vapors which may form explosive vapor/air mixtures. Material will float and can be re-ignited on surface of water.
Flash Point	Flammability: Not available.
Upper Flammable or Explosive Limit	> 100.4 deg F (> 38 deg C)
Lower Flammable or Explosive Limit	In air, upper, % by volume: 5
Auto Ignition Temperature:	In air, lower, % by volume: 0.7
Extinguishing Media:	> 399.2 deg F (> 204 deg C)
Unsuitable Media:	Suitable: Water spray, foam, dry powder or carbon dioxide. Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.
Fire Fighting Instructions:	Protection of firefighters: Specific hazards arising from the chemical: Thermal decomposition may produce smoke, oxides of carbon and lower molecular weight organic compounds whose composition have not been characterized. Protective equipment and precautions for firefighters: Move containers from fire area if you can do it without risk. Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Protective Equipment:	Special protective equipment for fire-fighters. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

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Personal Precautions:	Ensure adequate ventilation. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid contact with skin. Wear suitable protective clothing, gloves and eye/face protection. For personal protection, see section 8 of the MSDS.
Spill Cleanup Measures:	Methods for cleaning up: Remove sources of ignition. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
Environmental Precautions:	Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not contaminate water. Contact local authorities in case of spillage to drain/aquatic environment.
Large Spill:	Remove with vacuum trucks or pump to storage/salvage vessels. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Wash area with soap and water. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container.
Small Spill:	Absorb spillage with non-combustible, absorbent material.

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SECTION 7 : HANDLING and STORAGE

9208

Jet Fuel
Revision: 10/16/2009, Version:

Koch Supply on

Handling:

Provide adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapors. Avoid forming spray/aerosol mists. The product is flammable, and heating may generate vapors which may form explosive vapor/air mixtures. Ground container and transfer equipment to eliminate static electric sparks. Vapors are heavier than air and may travel along the floor and in the bottom of containers. Use non-sparking hand tools and explosion-proof electrical equipment. Wear appropriate personal protective equipment. Immediately change contaminated clothes. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

Storage:

Follow rules for flammable liquids. Keep away from heat, sparks and open flame. Keep in a cool, well-ventilated place. Keep away from food, drink and animal feeding stuffs. Store away from incompatible materials.

Hygiene Practices:

General hygiene considerations: When using, do not eat, drink or smoke. Wash hands after handling. Launder contaminated clothing before reuse. Private clothes and working clothes should be kept separately. Handle in accordance with good industrial hygiene and safety practice. Observe any medical surveillance requirements.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

9208

Engineering Controls:

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors. Provide easy access to water supply and eye wash facilities. Use explosion-proof equipment.

Skin Protection Description:

Wear protective gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier. Anti-static and flame-retardant protective clothing is recommended.

Eye/Face Protection:

Wear goggles/face shield.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Use a NIOSH-approved respirator if there is a potential for exposure to dust exceeding exposure limits (See 29 CFR 1910.134, respiratory protection standard).

Exposure Limits:

Occupational exposure limits:

ACGIH:

Components: 1,2,4-Trimethylbenzene (95-63-6)
TWA: 25 ppm

Components: Naphthalene (91-20-3)

STEL: 15 ppm

TWA: 10 ppm

U.S. - OSHA:

Components: 1,2,4-Trimethylbenzene (95-63-6)
TWA: 125 mg/m3, 25 ppm

Components: Naphthalene (91-20-3)

PEL: 50 mg/m3, 10 ppm

Canada - Alberta:

Components: 1,2,4-Trimethylbenzene (95-63-6)
TWA: 25 ppm, 123 mg/m3

Components: Naphthalene (91-20-3)

STEL: 79 mg/m3, 15 ppm

TWA: 10 ppm, 52 mg/m3

Canada - British Columbia:

Components: 1,2,4-Trimethylbenzene (95-63-6)
TWA: 25 ppm

Components: Kerosine (Petroleum) (8008-20-6)

TWA: 200 mg/m3 Non-aerosol.

Components: Kerosine, (petroleum), hydrosulfurized (64742-81-0)

TWA: 200 mg/m3 Non-aerosol.

Components: Naphthalene (91-20-3)

STEL: 15 ppm

TWA: 10 ppm

Canada - Ontario:

Components: 1,2,4-Trimethylbenzene (95-63-6)
TWA: 123 mg/m3, 25 ppm

Components: Kerosine (Petroleum) (8008-20-6)

TWA: 200 mg/m3

Components: Kerosine, (petroleum), hydrosulfurized (64742-81-0)

TWA: 200 mg/m3

Components: Naphthalene (91-20-3)

STEL: 15 ppm, 78 mg/m3

TWA: 52 mg/m3, 10 ppm

Canada - Quebec:

Components: 1,2,4-Trimethylbenzene (95-63-6)
TWA: 25 ppm, 123 mg/m3

Components: Naphthalene (91-20-3)

STEL: 79 mg/m3, 15 ppm
TWA: 10 ppm, 52 mg/m3

Mexico:

Components: 1,2,4-Trimethylbenzene (95-63-6)
STEL: 170 mg/m3, 35 ppm
TWA: 25 ppm, 125 mg/m3

Components: Naphthalene (91-20-3)
STEL: 15 ppm, 75 mg/m3
TWA: 50 mg/m3, 10 ppm

General hygiene considerations: When using, do not eat, drink or smoke. Wash hands after handling. Launder contaminated clothing before reuse. Private clothes and working clothes should be kept separately. Handle in accordance with good industrial hygiene and safety practice. Observe any medical surveillance requirements.

Ingredient Guidelines

Ingredient: Kerosine (Petroleum)

Guideline Type: ACGIH TLV-TWA
Guideline Information: 200 mg/m3 Non-aerosol.

Ingredient: Kerosine (petroleum), hydrosulfurized

Guideline Type: ACGIH TLV-TWA
Guideline Information: 200 mg/m3 Non-aerosol.

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

9208

Physical State/Appearance:	Colorless clear liquid with kerosene-like odor.
	Form: Liquid.
Color:	Colorless, may be dyed red for tax purposes.
Odor:	Kerosene-like.
Physical State:	Liquid.
pH:	Not available.
Decomposition Temperature:	Not available.
Vapor Pressure:	22 mm Hg (70 deg C)
Vapor Density:	4.5 (air=1)
Flash Point:	> 100.4 deg F (> 38 deg C)
Auto Ignition Temperature:	> 399.2 deg F (> 204 deg C)
Upper Explosive Limit:	In air, upper, % by volume: 5
Lower Explosive Limit:	In air, lower, % by volume: 0.7
Boiling Point:	300 - 572 deg F (148.9-300 deg C)
Freezing Point:	-63.4 - 32 deg F (-53 - 0 deg C)
Melting Point:	Not available.
Solubility:	(Water): Insoluble.
Specific Gravity:	0.77-0.84 (16 deg C)
Density:	Bulk: Not applicable.
Evaporation Point:	Very slow.
Volatile Organic Compound Content:	100%
Viscosity:	8 cSt (20 deg C)
Odor Threshold:	Not available.
Coefficient of Water/Oil Distribution:	Partition coefficient (n-octanol/water): Not available.
	Flammability: Not available.

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SECTION 10 : STABILITY and REACTIVITY

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Chemical Stability:	Stable at normal conditions.
Conditions to Avoid:	Heat, sparks, flames, elevated temperatures. Contact with incompatible materials.
Incompatibilities with Other Materials:	Strong acids. Strong oxidizing agents.
Reactivity:	Possibility of hazardous reactions: Hazardous polymerization does not occur.
Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

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SECTION 11 : TOXICOLOGICAL INFORMATION

9208

Applies to all Ingredients:
Acute Health Effects:

Acute effects: Breathing of high concentrations may cause dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness. Irritant effect on skin. May cause damage to the liver. May irritate and cause stomach pain, vomiting, diarrhea and nausea.

Local effects: Irritating to eyes and skin. Irritating to mouth, throat, and stomach.

Skin Effects: 1,2,4-Trimethylbenzene (95-63-6)
Acute Dermal LD50 Rabbit: > 3160 mg/kg

Ingestion Effects: Naphthalene (91-20-3)
Acute Oral LD50 Rat: 490 mg/kg

Inhalation Effects: 1,2,4-Trimethylbenzene (95-63-6)
Acute Inhalation LC50 Rat: > 2000 ppm 48 Hours

Chronic Effects: Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema/chapping and oil acne. May cause damage to the liver.

Carcinogenicity: Possible cancer hazard - may cause cancer based on animal data.

ACGIH Carcinogens:
Naphthalene (CAS 91-20-3) - Group A4 Not classifiable as a human carcinogen.

IARC Monographs, Overall Evaluation of Carcinogenicity:
Naphthalene (CAS 91-20-3) - 2B Possibly carcinogenic to humans.

US NTP Report on Carcinogens: Anticipated carcinogen:
Naphthalene (CAS 91-20-3) - Anticipated carcinogen.

Mutagenicity: No test data available for the product.

Sensitization: May cause eczema-like skin disorders (dermatitis).

Reproductive Toxicity: No test data available for the product.

Other Toxicological Information: US ACGIH Threshold Limit Values: Skin designation:
Naphthalene (CAS 91-20-3) - Can be absorbed through the skin.

Epidemiology: Pre-existing skin conditions including dermatitis might be aggravated by exposure to this product.

Further information: Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Kerosine (Petroleum):

Carcinogenicity: ACGIH Carcinogens:
Kerosine (Petroleum) (CAS 8008-20-6) - Group A3 Confirmed animal carcinogen with unknown relevance to humans.

Other Toxicological Information: US ACGIH Threshold Limit Values: Skin designation:
Kerosine (Petroleum) (CAS 6008-20-6) - Can be absorbed through the skin.

Distillates (petroleum), Light Hydrocracked:

Carcinogenicity: IARC Monographs, Overall Evaluation of Carcinogenicity:
Distillates (petroleum), Light Hydrocracked (CAS 64741-77-1) - 3 Not classifiable as to carcinogenicity to humans.

Kerosine, (petroleum), hydrosulfurized:

Carcinogenicity: ACGIH Carcinogens:
Kerosine, (petroleum), hydrosulfurized (CAS 64742-81-0) - Group A3 Confirmed animal carcinogen with unknown relevance to humans.

Other Toxicological Information: US ACGIH Threshold Limit Values: Skin designation:
Kerosine, (petroleum), hydrosulfurized (CAS 64742-81-0) - Can be absorbed through the skin.

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SECTION 12 : ECOLOGICAL INFORMATION

9208

Ecotoxicity: This product has been identified as having potential environmental concerns.

Ecotoxicological data: Components: Distillates (petroleum), Light Hydrocracked (64741-77-1)
Test Results: EC50 Fish: 7.3 mg/l 96 Hours

Environmental Fate: Environmental effects: The product is a volatile organic compound which has a photochemical ozone creation potential.

Effect of Material On Aquatic Life: Aquatic toxicity: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Persistence and degradability: The product is biodegradable.
Bioaccumulation/Accumulation: Has the potential to bioaccumulate.
Partition coefficient: Not available.

Mobility in environmental media: The product is insoluble in water and will spread on the water surface. The product is a volatile substance, which may spread in the atmosphere.

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SECTION 13 : DISPOSAL CONSIDERATIONS

9208

Waste Disposal: Waste codes: D001

Disposal instructions: Dispose in accordance with all applicable regulations. This material and its container must be disposed of as hazardous waste.

Waste from residues/unused products: Dispose in accordance with applicable federal, state, and local regulations.

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SECTION 14 : TRANSPORT INFORMATION

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DOT Shipping Information:

DOT Shipping Name:
DOT UN Number:
DOT Hazard Class:
DOT Packing Group:
IATA:

IATA Shipping Name:
IATA Hazard Class:
IATA UN Number:
IATA Packing Group:
Canadian Shipping Name:
Canadian Hazard Class:
Canadian UN Number:
CGVS/GGVE/IMDG UN or ICAO Identification Number:
CGVS/GGVE/IMDG Class:
CGVS/GGVE/IMDG Packaging Group:

Basic shipping requirements:
Marine pollutant: No

Special provisions: B1, B52, I83, T4, TP1, TP29
Packaging exceptions: 150
Packaging non bulk: 203
Packaging bulk: 242
ERG number: 128

FLAMMABLE 3

Flammable liquids, n.o.s. (Kerosene, Hydrodesulfurized kerosene)
UN1993

3

III

Basic shipping requirements:

3

Flammable liquid, n.o.s. (Kerosene, Hydrodesulfurized kerosene)

3

1993

III

FLAMMABLE LIQUID, N.O.S.

3

UN1993

1993

3

III

IMDG:

Basic shipping requirements:

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Kerosene, Hydrodesulfurized kerosene)

Marine pollutant: No

3

TDG:

Basic shipping requirements:

Packing group: III

Marine pollutant: Marine pollutant only when containing 10% or more substances identified as marine pollutants or severe marine pollutant when containing 1% or more substances identified as severe marine pollutants

3

Special provisions: 16

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SECTION 15 : REGULATORY INFORMATION

9208

Applies to All Ingredients :

TSCA 8(b): Inventory Status:

All components are on the U.S. EPA TSCA Inventory List.

United States & Puerto Rico: Toxic Substances Control Act (TSCA) Inventory:
On inventory (yes/no): Yes

TSCA 12(b): Export Notification:

US TSCA Section 12(b) Export Notification: Export Notification requirement/De minimus concentration:
Naphthalene (CAS 91-20-3) - 0.1 % One-Time Export Notification only.

SARA:

Section 311 hazardous chemical: Yes

Section 302 (Yes/No):

No

Section 304:

CERCLA (Superfund) reportable quantity (lbs): None

Section 312 Hazard Category:

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Acute:

Yes

Chronic:

Yes

Fire:

Yes

Reactive:

No

Pressure:

No

Section 313 Toxic Release Information:

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration
1,2,4-Trimethylbenzene (CAS 95-63-6) - 1.0%
Cumene (CAS 98-82-8) - 1.0 %
Naphthalene (CAS 91-20-3) - 0.1%

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance
1,2,4-Trimethylbenzene (CAS 95-63-6) - Listed.
Cumene (CAS 98-82-8) - Listed.
Naphthalene (CAS 91-20-3) - Listed.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

State:

California to cause cancer, birth defects or other reproductive harm.

US - California Hazardous Substances (Divulgo's): Listed substance
Cumene (CAS 98-82-8) - Listed.
Naphthalene (CAS 91-20-3) - Listed.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):
Listed substance
Naphthalene (CAS 91-20-3) - Listed.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
Naphthalene (CAS 91-20-3) - Listed: April 19, 2002 Carcinogenic.

US - Massachusetts RTK - Substance Listed substance
1,2,4-Trimethylbenzene (CAS 95-63-6) - Listed.
Cumene (CAS 98-82-8) - Listed.
Naphthalene (CAS 91-20-3) - Listed.

US - New Jersey Community RTK (EHS Survey): Reportable threshold
1,2,4-Trimethylbenzene (CAS 95-63-6) - 500 LBS
Cumene (CAS 98-82-8) - 500 LBS
Naphthalene (CAS 91-20-3) - 500 LBS

US - New Jersey RTK - Substance Listed substance
1,2,4-Trimethylbenzene (CAS 95-63-6) - Listed.
Cumene (CAS 98-82-8) - Listed.
Naphthalene (CAS 91-20-3) - Listed.

US - Pennsylvania RTK - Hazardous Substances: Listed substance
1,2,4-Trimethylbenzene (CAS 95-63-6) - Listed.
Cumene (CAS 98-82-8) - Listed.
Naphthalene (CAS 91-20-3) - Listed.

Canada WHMIS

WHMIS status: Controlled

WHMIS classification:

B3 - Flammable/Combustible
D2A - Other Toxic Effects-TOXIC
D2B - Other Toxic Effects-TOXIC

Canada: Domestic Substances List (DSL):

On inventory (yes/no): Yes

Canada: Non-Domestic Substances List (NDSL):

On inventory (yes/no): No

European Community Chemical Inventory Status:

Europe: European Inventory of Existing Commercial Chemical Substances (EINECS):

On inventory (yes/no): Yes

Europe: European List of Notified Chemical Substances (EELINCS):

On inventory (yes/no): No

Japan Chemical Inventory Status:

Japan: Inventory of Existing and New Chemical Substances (ENCS):

On inventory (yes/no): No

Australia Chemical Inventory Status:

Australia: Australian Inventory of Chemical Substances (AICS):

On inventory (yes/no): Yes

International Chemical Inventory Lists:

China: Inventory of Existing Chemical Substances in China (IECSC):

On inventory (yes/no): Yes

Korea: Existing Chemicals List (ECL):

On inventory (yes/no): Yes

New Zealand: New Zealand Inventory:

On inventory (yes/no): Yes

Philippines: Philippine Inventory of Chemicals and Chemical Substances (PICCS):

On inventory (yes/no): Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

Drug Enforcement Agency (DEA): Not controlled

Kerosene (Petroleum):

State:

US - Massachusetts RTK - Substance Listed substance
Kerosene (Petroleum) (CAS 8008-20-6) - Listed.US - New Jersey Community RTK (EHS Survey): Reportable threshold
Kerosene (Petroleum) (CAS 8008-20-6) - 10000 LBSUS - New Jersey RTK - Substance Listed substance
Kerosene (Petroleum) (CAS 8008-20-6) - Listed.US - Pennsylvania RTK - Hazardous Substances: Listed substance
Kerosene (Petroleum) (CAS 8008-20-6) - Listed.

Kerosine, (petroleum), hydrosulfurized

State:

US - Massachusetts RTK - Substance: Listed substance
Kerosine, (petroleum), hydrosulfurized (CAS 64742-81-0) - Listed.

US - New Jersey Community RTK (EHS Survey): Reportable threshold
Kerosine, (petroleum), hydrosulfurized (CAS 64742-81-0) - 10000 LBS

US - New Jersey RTK - Substances: Listed substance
Kerosine, (petroleum), hydrosulfurized (CAS 64742-81-0) - Listed.

US - Pennsylvania RTK - Hazardous Substances: Listed substance
Kerosine, (petroleum), hydrosulfurized (CAS 64742-81-0) - Listed.

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SECTION 16 : ADDITIONAL INFORMATION

9208

HMIS:

Health Hazard: 2
Fire Hazard: 2
Reactivity: 0

NFPA:

Health: 2
Fire Hazard: 2
Reactivity: 0

MSDS Revision Date

10-19-2009
Version #: 01

Disclaimer

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet (SDS). Adequate training and instruction should be given by you to your employees and affected personnel. Appropriate warnings and safe handling procedures should be provided by you to handlers and users. Additionally, the user should review this information, satisfy itself as to its suitability and completeness, and pass on the information to its employees or customers in accordance with the applicable federal, state, provincial or local hazard communication requirements. This SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, vendor neither assumes nor retains any responsibility for any damage or injury resulting from abnormal use, from any failure to adhere to appropriate practices, or from any hazards inherent in the nature of the material.

CPH MSDS NA

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Appendix C

Kinder Morgan FCC

Contaminated Liquids

Disposal Profile



Hydrocarbon Recovery Services Waste Characterization Profile

Date	7/28/11
Sales Rep	Brett Robinson
Branch	56
Waste Destination	PC

REQUIRED FIELDS ARE NOTED IN BOLD

WASTE OR PRODUCT DESIGNATION				
<input type="checkbox"/> Wastewater	<input type="checkbox"/> Off Spec Fuel	<input type="checkbox"/> Used Oil	<input type="checkbox"/> Used Filters	<input type="checkbox"/> Oily Absorbents
<input type="checkbox"/> Used Anti-Freeze	<input checked="" type="checkbox"/> Petroleum Contact Water		<input type="checkbox"/> Other	

CUSTOMER INFORMATION		GENERATOR INFORMATION	
Company Name	Kinder Morgan, INC.	Generating Facility	Spill Response Site
Mailing Address	2101 GATX Dr Tampa, FL	Facility Address	10702 E. Broadway
City, State, Zip	33605	City, State, Zip	Brandon, FL
Company Contact	Chris Fleck	Facility Contact	Chris Fleck
Telephone Number	813-241-1144	Facility Phone	813-241-1144
Fax Number	813-247-4274	Facility Fax	813-247-4274

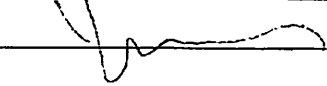
ADDITIONAL GENERATOR INFORMATION			
Is this facility a Conditionally Exempt Small Quantity Generator as defined by 40 CFR 261.5?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If no, EPA ID Number		EPA Waste Code	
State ID Number		State Waste Code	

GENERAL DESCRIPTION OF WASTE OR PRODUCT			
Process Generating Waste	clean up of leaked jet fuel from pipeline		
General Description of Waste	petroleum (jet fuel) contaminated water		
Color	clear to amber	Flash Point	<input checked="" type="checkbox"/> < <input checked="" type="checkbox"/> > 140 <input checked="" type="checkbox"/> F <input type="checkbox"/> C
% Solids	<3 %	Sample pH	
Sp. Gravity	<input checked="" type="checkbox"/> < <input type="checkbox"/> > 1	BTU	lbs/ hr
Viscosity @70F	<input type="checkbox"/> Heavy <input checked="" type="checkbox"/> Light <input type="checkbox"/> Slurry	Total Halogens	<input checked="" type="checkbox"/> < <input type="checkbox"/> > 1,000 ppm
Layers	<input type="checkbox"/> Multi <input checked="" type="checkbox"/> Bi <input type="checkbox"/> Single		

WASTE COMPOSITION				
Primary Constituents		%min	%max	Secondary Constituents
1.)	jet fuel ICAV service	1	99	Chemical Oxygen Demand
2.)	water	1	99	Oil and Grease
3.)				Total Suspended Solids
4.)				Total Solids
5.)				Ammonia

METALS									
Indicate Type		<input checked="" type="checkbox"/> Total	<input type="checkbox"/> TCLP						
Arsenic	NONE KNOWN	<input type="checkbox"/> ppm <input type="checkbox"/> ppb		Copper	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb	Nickel	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb
Barium	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb		Lead	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb	Selenium	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb
Cadmium	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb		Mercury	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb	Silver	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb
Chromium	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb		Molybdenum	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb	Zinc	"	<input type="checkbox"/> ppm <input type="checkbox"/> ppb

ADDITIONAL INFORMATION			
Is this waste a "Hazardous Waste" as defined by 40 CFR 261.3? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Does this waste contain PCB's?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, PCB Content ppm
Is this waste subject to any Categorical Pretreatment Standards listed in 40 CFR 400-499? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If yes, list			
Is this waste a DOT Hazardous Material as defined by 49 CFR 171.8? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If yes, provide	Proper Shipping Name		Packing Group
	Hazard/Class Division		UN/NA/ ID#
	Other Shipping Information		
Estimated Volume	50000	<input checked="" type="checkbox"/> Gallons <input type="checkbox"/> Drums <input type="checkbox"/> Cubic Yard Box	
Frequency	<input type="checkbox"/> Week <input checked="" type="checkbox"/> Month <input type="checkbox"/> Quarter <input type="checkbox"/> Year		

GENERATOR'S CERTIFICATION			
On behalf of the Generator, I hereby certify that the information provided on this Waste or Product Characterization Form and other material attached hereto is a complete and accurate description of the waste material; identifies any and all known or suspected handling hazards; and, that no willful omissions or misrepresentations as to the waste character, composition, and/or properties have been made.			
<input checked="" type="checkbox"/> Generator <input type="checkbox"/> Agent			
Name	CHRISTOPHER MOZZAN	Title	LEADS MANAGER
Company	KINDER MORGAN	Date	
Signature			

USFILTER USE ONLY			
Date		Status	<input type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED
Lab Manager		Treatment Category	
Notes			
Signature		WCF #	

Appendix D

Kinder Morgan Clark

Environmental Soil Disposal

Profile



Clark Environmental, Inc.
755 Prairie Industrial Pkwy
Mulberry, Florida 33860
LOCAL 863-425-4884
TOLL-FREE 800-276-2187
FAX 863-425-2854

Thermal Treatment Facility Generator Information

INVOICE TO ☐ GENERATOR ☒ BROKER

APPROVALS

SWS th FCI-107-0520

GENERATOR INFORMATION

NAME Rinder Morgan
ADDRESS 4310 Perdala Point Road
Tampa, FL 33619
CONTACT Chris Fleck
PHONE (813) 415-1698 FAX

BROKER INFORMATION

NAME SWS Environmental Services
ADDRESS 901 M.E. Clossky Blvd.
Tampa, FL 33605-6717
CONTACT Greg Williams
PHONE (813) 241-0282 FAX (813) 241-6765

SOIL INFORMATION

ESTIMATED QUANTITY: 40 ☒ TONS ☐ CUBIC YARDS
SOIL LOCATION: Broadway Avenue & Williams Street
Tampa, Florida
SOIL ORIGIN: ☐ DUST LEAK/SPILL ☐ FAST LEAK/SPILL ☒ OTHER: Pipeline break
*Above ground spills with benzene exceeding 10ppm requires a TCLP for Benzene to be run that cannot exceed .5mg/L.
SOIL CONTAMINATION: ☒ VIRGIN PRODUCT ☐ NON-VIRGIN PRODUCT PRODUCT NAME: Jet A
SOIL % + SAND % + CLAY % + DEBRIS % + MOISTURE % = 100%

☒ THIS MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY CFR 40 PART 261 AND 62-730 F.A.C.

☒ THIS MATERIAL DOES NOT CONTAIN PCB'S OVER 2PPM.

RA ☒ SAMPLING PROCEDURES FOLLOWED 62-713-510 F.A.C.

COMMENTS

*Clark to isolate loads & Run Virgin
pre-burn analysis

I CERTIFY THAT ALL THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE:

CUSTOMER SIGNATURE X

DATE X 11/11

www.clarkenvironmental.com

Appendix E

Kinder Morgan Contaminated Solid Waste Disposal Profiles

Generator's Non-hazardous Waste Profile Sheet



Requested Disposal Facility _____ Profile Number _____
☐ Renewal for Profile Number _____ Waste Approval Expiration Date _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: Kinder Morgan
 2. Site Address: Broadway Avenue, Williams
 3. City/ZIP: Tampa
 4. State: Florida
 5. County: Hillsborough
 6. Contact Name/Title: Chris Fleck
 7. Email Address: _____
 8. Phone: (813) 415-1698
 9. FAX: _____
 10. NAICS Code: _____
 11. Generator USEPA ID #: N/A
 12. State ID# (if applicable): N/A

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: SWS Environmental Services
 2. Billing Address: 901 MEClosky Blvd.
 3. City, State and ZIP: Tampa, Florida 33605
 4. Contact Name: Greg Williams
 5. Contact Email: greg.williams@swsenvironmental.com
 6. Phone: (813) 241-0282
 7. Transporter Name: SWS Environmental Services
 8. Transporter ID # (if appl.): FLR000012823
 9. Transporter Address: 901 MEClosky Blvd.
 10. City, State and ZIP: Tampa, Florida 33605-6717

C. Waste Stream Information

1. DESCRIPTION
 a. Common Waste Name: non-RCRA Regulated Industrial Solid Waste
 b. State Waste Code(s): Jet A impacted, Absorbent Room Pads, debris-vegetative
 c. Describe Process Generating Waste or Source of Contamination:

Pipeline Break - Jet "A"

c. Typical Color(s): _____
 d. Strong Odor? ☒ Yes ☐ No Describe: _____
 e. Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Powder ☐ Semi-Solid or Sludge ☐ Other: _____
 f. Layers? ☐ Single layer ☐ Multi-layer ☐ NA
 g. Water Reactive? ☐ Yes ☒ No If Yes, Describe: _____
 h. Free Liquid Range (%): _____ to _____ ☒ NA(solid)
 i. pH Range: ☐ ≤2 ☐ 2.1-12.4 ☐ ≥12.5 ☒ NA(solid) Actual: _____
 j. Liquid Flash Point: ☐ < 140°F ☐ ≥ 140°F ☒ NA(solid) Actual: _____
 k. Flammable Solid: ☐ Yes ☒ No
 l. Physical Constituents: List all constituents of waste stream - (e.g. Soil 0-80%, Wood 0-20%): ☐ (See Attached)

Constituents (Total Composition that is > 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. <u>Jet A - Absorbent Room Pads</u>	<u>60</u>	<u>lb</u>	<u>70</u>	
2. <u>Jet A - debris</u>	<u>40</u>		<u>30</u>	
3. _____				
4. _____				
5. _____				
6. _____				

2. ESTIMATED QUANTITY OF WASTE AND SHIPPING INFORMATION

a. ☒ One Time Event ☐ Base ☐ Repeat Event
 b. Estimated Annual Quantity: 18-200 Tons ☐ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify): _____
 c. Shipping Frequency: AS NECESSARY Units per ☐ Month ☐ Quarter ☒ Year ☐ One Time ☐ Other
 d. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If yes, answer e.) ☐ Yes ☒ No
 e. USDOT Shipping Description (if applicable): non RCRA Regulated Industrial Solid Waste

3. SAFETY REQUIREMENTS (Handling, PPE, etc.): gloves, hard hat, steel toe boots, safety glasses

SWS #FCI-107-0520



Generator's Non-hazardous Waste Profile Sheet

D. Regulatory Status (Please check appropriate responses)

1. Is this a USEPA (40 CFR Part 261)/State hazardous waste? If yes, contact your sales representative. ☐ Yes ☒ No
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation. ☐ Yes ☒ No
 - ☐ Delisted Hazardous Waste
 - ☐ Excluded Wastes Under 40 CFR 261.4
 - ☐ Treated Hazardous Waste Debris
 - ☐ Treated Characteristic Hazardous Waste
3. Is the waste from a Federal (40 CFR 300, Appendix B) or state mandated clean-up? If yes, see instructions. ☐ Yes ☒ No
4. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☒ No
 - a. If yes, is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☒ No
 - b. If yes, is disposal regulated by a State Agency for radioactive waste/NORM? ☐ Yes ☒ No
5. Does the waste represented by this waste profile sheet contain concentrations of regulated Polychlorinated Biphenyls (PCBs)? ☐ Yes ☒ No
 - a. If yes, is disposal regulated under TSCA? ☐ Yes ☒ No
6. Does the waste contain untreated, regulated, medical or infectious waste? ☐ Yes ☒ No
7. Does the waste contain asbestos? ☐ Yes ☒ No
If Yes, ☐ Friable ☒ Non Friable
8. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☒ No
If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☒ No

E. Generator Certification (Please read and certify by signature below)

By signing this Generator's Waste Profile Sheet, I hereby certify that all:

1. Information submitted in this profile and all attached documents contain true and accurate descriptions of the waste material;
2. Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to WM/the Contractor;
3. Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules; and
4. Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the Contractor if applicable).
5. Check all that apply:

☐ Attached analytical pertains to the waste. Identify laboratory & sample ID #'s and parameters tested: _____

Pages: _____

☐ Only the analyses identified on the attachment pertain to the waste (Identify by laboratory & sample ID #'s and parameters tested).
Attachment #: _____

☐ Additional information necessary to characterize the profiled waste has been attached (other than analytical).
Indicate the number of attached pages: _____

☐ I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.

☐ By Generator process knowledge, the following waste is not a listed waste and is below all TCLP regulatory limits.

Certification Signature: X [Signature]

Title: X EHS Manager

Company Name: X Kirchoff Morgan, Inc.

Name (Print): X J. Cliffe McIow

Date: X 29/06/11

FOR WM USE ONLY

Management Method: ☐ Landfill ☐ Bioremediation

Approval Decision: ☐ Approved ☐ Not Approved

☐ Non-hazardous solidification ☐ Other: _____

Waste Approval Expiration Date: _____

Management Facility Precautions, Special Handling Procedures or Limitation on approvals: _____

☐ Shall not contain free liquid

☐ Shipment must be scheduled into disposal facility

☐ Approval Number must accompany each shipment

☐ Waste Manifest must accompany load

WM Authorization Name / Title: _____ Date: _____

State Authorization (If Required): _____ Date: _____

SW-5 FCI-107-0520

**REPUBLIC
SERVICES****EXPRESS WASTE PROFILE**

Requested Disposal Facility: 3779 Cedar Trail Class III LF FL

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

Waste Profile #

Sales Rep #.

I. Generator Information

Generator Name: KINDER MORGAN

Generator Site Address: BROADWAY AVENUE & WILLIAMS STREET

City: TAMPA

County: HILLSBOROUGH

State: Florida

Zip:

State ID/Reg No:

State Approval/Waste Code:

(if applicable)

NAICS #.

Generator Mailing Address (if different): 4310 PENDOLA POINT ROAD

City: TAMPA

County: HILLSBOROUGH

State: Florida

Zip: 33619

Generator Contact Name: CHRIS FLECK

Email:

Phone Number: (813) 415-1698

Ext:

Fax Number:

IIa. Transporter Information

Transporter Name: SWS ENVIRONMENTAL SERVICES

Contact Name: GREG WILLIAMS

Transporter Address: 901 McCLOSKEY BOULEVARD

City: TAMPA

County: HILLSBOROUGH

State: FLORIDA

Zip: 33605

Phone Number:

Fax Number:

State Transportation Number:

IIb. Billing Information

Bill To: SWS ENVIRONMENTAL SERVICES

Contact Name: GREG WILLIAMS

Billing Address: 901 McCLOSKEY BOULEVARD

Email: greg.williams@swsenvironmental.com

City: TAMPA

State: FLORIDA

Zip: 33605

Phone: (813) 241-0282

III. Waste Stream Information

Name of Waste:

(Petroleum
products-applies
only to contaminated
media and debris).☐ Diesel Fuel☐ Home Heating Fuel #1-6☐ Kerosene☒ Aviation Fuel☐ Hydraulic Fluid☐ Unleaded Gasoline (UST Corrective Action)☐ Weathered Wood☐ RCRA Empty Containers☐ Treated Medical Waste☐ Animal Carcass☐ Plant Trash☐ Meth Contaminated Debris☐ Friable Asbestos☐ Non Friable Asbestos☐ Friable and Non Friable
Asbestos

Process Generating Waste: JET A FUEL P/ IPELINE BREAK

Method of Shipment:

☒ BULK☐ DRUM☒ BAGGED☒ OTHER: ROLL-OFF'S WITH BAGS

Estimated Annual Volume: 200

Tons

Frequency: ☒ ONE TIME☐ ANNUAL**IV. Certification**

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services, Inc.

CLIFF MCCOWAN / MANAGER

Authorized Representative Name/Title (Type or Print)

J. Greg Dempsey for Cliff McCowan

Authorized Representative Signature

KINDER MORGAN

Company Name

Date

7-29-11

REV I

J. GREG DEMPSEY
MANAGER - EHS

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