Kinder Morgan Liquids Terminals - Argo

8500 W. 68th St.
Argo, IL 60501

PHMSA
Facility Response Plan (FRP)

2014

Introduction and Authorization Statement

These emergency response procedures (emergency response plan) for the Kinder Morgan Liquids Terminal - Argo (KMLT-A) 14"/8" pipeline system have been developed as required by the U.S. Department of Transportation (USDOT) regulations (49 CFR Part 194 and 195- "Response Plans for Onshore Oil Pipelines" and "Transportation of Hazardous Liquids by Pipelines"). KMLT-A is under the jurisdiction of the U.S. Department of Transportation, Office of Pipeline Safety. The emergency procedures will be provided to the responsible agencies and emergency departments for review, comment, and for purposes of developing liaison with other response groups to coordinate the activities of our personnel with the personnel from these agencies to help ensure adequate cooperation and coordination.

Per 49 CFR 194.103 (c), the KMLT-A Pipeline is less than 9.2 miles long. Consequently, KM has interpreted this to indicate that this pipeline system is classified as one that can be expected to cause substantial harm only to the environment in the event of a discharge of oil into or on the navigable waters or adjoining shorelines.

These emergency response procedures have been developed to respond to emergency conditions should they occur. However, the pipeline system will be designed, constructed, tested, operated, maintained, and inspected to ensure that the system is safe for the transportation of petroleum liquids in accordance with federal regulations. Many measures are taken to prevent any emergency from occurring, such as (These are listed in Appendix C):

- Use of exceptionally strong materials specifically designed for the transportation of petroleum liquids,
- Manufacturer's testing and inspection of pipeline pipe and components,
- Engineering design to "fail safe",
- Special pipe coatings to prevent corrosion and abrasion damage,
- Cathodic protection (corrosion prevention system) on entire pipeline,
- Pipe coating testing and inspection during manufacturing and construction,
- Hydrostatic (water) pressure testing prior to operation,
- Buried underground for safety,
- Heavy wall pipe in sensitive and high activity areas,
- Pipeline mainline valves which can be operated to segment the line,
- Pressure limiting devices, control valves, and sensors,
- Pipeline markers over entire pipeline route,
- Continuing field surveillance, inspection, and security during construction and operations,
- Modern computerized control system with back-up power systems,
- Modern leak detection system,
- Internal pipe inspection ready for "smart pig" inspection devices,
- Trained pipeline employees on duty 24 hours per day,

- System maps and records,
- Community awareness program to landowners and communities,
- Damage prevention and utility coordination through "JULIE" and Chicago Digger pipeline locators,
- Emergency response drills,
- Emergency response unit owned by KMLT-A and continuously ready for service.

AUTHORIZING SIGNATURE:

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Mike Gutierrez, Terminal Manager
Kinder Morgan Liquids Terminals – Argo

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1.0 INFORMATION SUMMARY

NAME AND ADDRESS OF OPERATOR

Name of Facility:	KINDER MORGAN LIQUID TERMINALS, LLC ARGO TERMINAL
Facility Address:	8500 West 68th Street Argo, Cook County, Illinois 60501
Mail Address:	8500 West 68th Street Argo, Cook County, Illinois 60501
Telephone Number:	(708) 458-1330 (24 Hour Number)
Telefax Number:	(708) 496-2540
Date of Initial Oil Storage:	1951
SIC Number:	4226
NAICS Number:	49319
Location Description:	The Argo Terminal is located in Cook County, Illinois, in the Village of Bedford Park (Section 23, Township 38N, Range 12E). The Terminal entrance is at the intersection of Archer Avenue (State route 171) and Roberts Road. The Terminal Barge Docks are at the 311.6 mile marker of the Chicago Sanitary and Ship Canal.
Site Map:	Appendix A: Facility Site Plan
Federal I.D. Number	36-2827997
D &B Number:	035123850
Latitude: Longitude:	(b) (7)(F), (b) (3) [redacted]
Distance to Navigable Waters:	Less than 1/4 Mile
Max Storage Capacity:	(b) (7)(F), (b) (3) [redacted] (petroleum, chemical & food grade products)
Number of Tanks:	225

Worst Case Discharge:	(b) (7)(F), (b) (3) [redacted]
Personnel:	Approximately 120 people work at the Argo Terminal. Assignments include Terminal Operators, Operations Supervisors, Administrative Personnel and Management Personnel.
Dock Operations:	Barge Dock No. 1 is 158 feet long and can simultaneously transfer material from (2) 300 foot tank barges. Barge Dock No. 2 is 83 feet long and can simultaneously transfer material from (2) 300 foot tank barges. Barge Dock No. 3 is 43 feet long and can simultaneously transfer material from (2) 300 foot tank barges.

QUALIFIED INDIVIDUALS

Qualified Individual No. 1:	Miguel Gutierrez – Terminal Manager
Home Address:	(b) (6) [redacted]
Work Address:	8500 West 68th Street, Argo, Illinois 60501
Emergency Phone Numbers:	Work: (708) 496-2879 Cell: (b) (6) [redacted]
Response Training Experience:	30 yrs of Industrial experience, Hazmat IC Trained, FF II, and NIMS Trained. 24 Hr HAZWOPER Training
Qualified Individual No. 2:	Hal King – Safety Manager
Home Address:	(b) (6) [redacted]
Work Address:	8500 West 68th Street, Argo, Illinois 60501
Emergency Phone Numbers:	Work: (708) 496-2841 Cell: (b) (6) [redacted]
Response Training Experience:	10 Years Industrial Experience, Fire Training School, 24 Hr HAZWOPER Training

OWNER INFORMATION

Name of Owner:	Kinder Morgan Liquid Terminals, LLC
Address of Owner:	1001 Louisiana St, Suite 1000 Houston, TX 77002
Telephone Number:	713-420-2600

RESPONSE ZONES

MIDWAY JET A FUEL PIPELINE

The Sanders Pipeline Company (Sanders) delivers Jet A Fuel to the Chicago Midway Airport via pipeline (the Midway Pipeline). The Midway Pipeline originates at the Argo Terminal and terminates at North side of the Chicago Midway Airport. The Midway Pipeline is composed of two segments: 1) A seven (7.0) mile segment of 14 inch pipeline owned by the Texas Eastern Pipeline Company (Enterprise); and, 2) A two and three tenths (2.3) mile segment of 8 inch pipeline owned by Sanders. Sanders leases the 14 inch pipeline from Enterprise. The 14 inch pipeline originates at an Enterprise pipeline station located on Argo Terminal property that Enterprise leases from Kinder Morgan. Appendix J Pipeline Site Maps displays the actual pathway of the pipeline and is located in Cook County, Il.

Valves capable of isolating the pipeline are: 1) At the Argo Terminal; 2) Approximately midpoint in the Enterprise 14 inch pipeline segment; 3) At the connection of the 14 inch pipeline segment and 8 inch pipeline segment; and, 4) At the Chicago Midway Airport.

Sanders and Kinder Morgan have entered into a contract for Kinder Morgan to be the Operator of the Midway Pipeline. Kinder Morgan began operating the Midway Pipeline late in 2001. Kinder Morgan stores Jet A Fuel in five (5) aboveground storage tanks at the Argo Terminal. Jet A Fuel is sourced from these storage tanks as needed, filtered and pumped using either of two (2) injection pumps into the beginning of the Sanders Midway Pipeline at the Enterprise station.

The Midway Pipeline consisting of two pipeline segments (14 inch and 8 inch); 5 Argo Terminal aboveground storage tanks (Tank No's. 33-1, 33-2, 55-8, 63-1, and 80-4), 2 surge relief tanks(S1 & S2) and one thermal relief tank(C-10); Fuel filtration equipment; and, 2 injections pumps. This equipment is subject to PHMSA regulations including Response Plan requirements of 49 CFR 194 Subpart B.

(b) (7)(F), (b) (3)

[redacted]

If the Midway Pipeline is shut-down by either of the confirmation tests described above, Terminal Operators will be dispatched to close the two remote valves on the pipeline ROW. Approximately 30 minutes time is estimated for a Terminal Operator to reach each remote valve.

14 INCH ENTERPRISE PIPELINE SEGMENT OF MIDWAY PIPELINE

From the Enterprise Pipeline Station, this segment follows the northern boundary of the Argo Terminal in a westerly direction for approximately one-half (½) mile to the Canadian National Right of Way. At this point the pipeline segment turns generally to the East-Northeast direction for approximately six and one-half (6 1/2) miles. This segment of the Midway Pipeline is along undeveloped property boarding the Chicago Sanitary and Ship Canal. The segment termination is at a junction with the beginning of the 8 inch Sanders pipeline segment at The Belt Railway Company of Chicago. The Enterprise pipeline segment is within the City of Chicago, County of Cook in the State of Illinois.

8 INCH SANDERS PIPELINE SEGMENT OF MIDWAY PIPELINE

From the termination point of the 14 inch Enterprise Pipeline Segment, the Sanders pipeline segment travels South along The Belt Railway Company of Chicago ROW for approximately one and one-half (1 ½) miles At 54th Street in the City of Chicago, the ROW transitions toward the West for approximately three quarter (3/4) mile. The Sanders pipeline segment continues along this West ROW until termination at the Chicago Midway Airport fuel facility (Skytanking). The Sanders pipeline segment passes through both residential and commercial sections of the City of Chicago, County of Cook in the State of Illinois.

As an operator of a DOT jurisdictional pipeline, KMLT-A is required to have this emergency response plan in accordance with 49 CFR 194. The purpose of this plan is to provide information regarding DOT requirements for response plans and emergency procedures.

An emergency will be considered to exist if any of the following conditions occur:

1. Fire or explosion occurring near or directly involving a pipeline facility;
2. Accidental release of hazardous vapors and liquids from a pipeline;
3. Operational failure causing a hazardous condition to exist (tank overflowing, pump relief valve failure, etc.);
4. Natural disaster affecting pipeline facilities (slides, earthquakes, floods, etc.);
5. Acts of sabotage;
6. A train derailment within the vicinity of the pipeline right-of-way.

The operator's response plan and emergency procedures must be in accordance with § 194.107 and provide for the following:

1. Receiving, identifying and classifying notices of events requiring immediate response by the operator or notice to fire, police, or other appropriate public officials;
2. Notifying appropriate operator personnel of events requiring immediate response by the operator;
3. Prompt and effective response to a notice of each type of emergency as listed above;
4. Availability of personnel, equipment and instruments necessary to deal with the emergency;
5. Taking necessary action to minimize an emergency condition, such as:
    a. Closing of block valves
    b. Emergency shutdown
6. Pressure reduction
7. Controlling the release of HVL or other hazardous vapors
8. Control of the released hazardous liquid (e.g. containment and cleanup); Worst case discharge volumes should be used to determine methods or response and actions to be taken.
9. Identification of high risk "response zones" where significant and substantial harm to the environment can occur.
10. Public exposure to injury and probability of accidental ignition must be minimized by such methods as:
    a. Evacuation of residences;
    b. Halting traffic on roads and railroads in the affected area;
    c. Other appropriate actions.
11. Notification of fire, police, and other appropriate public officials of hazardous liquid pipeline emergencies. The notification should include any additional precautions required by the product characteristics.
12. Coordinating preplanned and actual responses during an emergency with fire, police, and other appropriate public officials. Contact should be made annually and precautions required by the properties of the applicable hazardous liquids must be covered. Updating of emergency telephone numbers should be required annually.
13. In the case of failure of a pipeline system transporting a highly volatile liquid, use of appropriate instruments to assess the extent and coverage of the vapor cloud and determine the hazardous areas. As an example, for LPG vapors a combustible gas indicator should be used.
14. Providing for a post-accident review of employee activities to determine whether the procedures were effective in each emergency and taking corrective action where deficiencies are found.

SITE SECURITY AND CONTROL

(b) (7)(F), (b) (3)

[redacted]

SIGNIFICANT AND SUBSTANITAL HARM CERTIFICATION

(1) Has experienced a release greater than 1,000 barrels (159 cubic meters) within the previous five years. **No**

(2) Has experienced two or more reportable releases,
(a) Explosion or fire not intentionally set by the operator.
(b) Release of 5 gallons (19 liters) or more of hazardous liquid or carbon dioxide, except that no report is required for a release of less than 5 barrels (0.8 cubic meters) resulting from a pipeline maintenance activity if the release is: (1) Not otherwise reportable under this section; (2) Not one described in § 195.52(a)(4); (3) Confined to company property or pipeline right-of-way; and (4) Cleaned up promptly; (c) Does not result in the death of any person;
(d) Personal injury necessitating hospitalization;
(e) Estimated property damage, including cost of clean-up and recovery, value of lost product, and damage to the property of the operator or others, or both, exceeding $50,000;
within the previous five years, **No**

(3) Containing any electric resistance welded pipe, manufactured prior to 1970, operates at a maximum operating pressure established under § 195.406 that correspond to a stress level greater than 50 percent of the specified minimum yield strength of the pipe. **No**

(4) Is located within a 5 mile (8 kilometer) radius of potentially affected public drinking water intakes and could reasonably be expected to reach public drinking water intakes. **No**

(5) Is located within a 1 mile (1.6 kilometer) radius of potentially affected environmentally sensitive areas, and could reasonably be expected to reach these areas.**Yes**

Based upon the above criteria the Argo Terminal is required to prepare a Facility Response Plan in accordance with the Oil Pollution Act of 1990 and 49 CFR Part 194.

Regarding the Midway Oil Pipeline, the Significant and Substantial harm criteria is met because the pipeline is greater than 6 5/8 inches (168 millimeters) in outside nominal diameter, and includes a line segment that is located within a 1 mile radius of potential affected environmental sensitive areas, and could reasonably be expected to reach these areas.

AREAS OF SPECIAL SIGNIFICANCE

Areas in which the pipeline facilities are located in which an immediate response to prevent hazards to the public and major environmental impact are targeted "response zones". These zones have been identified as follows:

P/L Station 254 + 68 Due to proximity to Sanitary and Ship Canal
P/L Station 25 + 50 Due to adjacent neighborhood

Detailed drawings of the stationing and location of the Midway pipeline can be seen in Appendix J.

General Area Description

The Kinder Morgan Liquid Terminals, LLC - Argo Terminal is located with approximately 1,700 feet of frontage on the Chicago Sanitary and Ship Canal (Canal). The Canal begins at Damen Avenue and the Stevenson Expressway (Interstate 55) in Chicago, and runs for nearly 30 miles in a Southwest direction through the City of Chicago and the suburbs of Stickney, Forest View, Lyons, Summit, Bedford Park, Justice, Willow Springs, Lemont, and Romeoville. The canal terminates in Lockport where it joins the Des Plains River.

The Metropolitan Water Reclamation District of Greater Chicago owns nearly all of the shoreline property along the Canal. Much of this property is leased for industrial uses, especially in the upper part of the stretch above suburban Summit. In this area, the Stevenson Expressway also parallels the Canal. Below Summit, nearby land use includes significant natural areas such as the Palos (Cook County) and Waterfall Glen (DuPage County) Forest Preserves. In some areas,

residential neighborhoods have been constructed outside the corridor. Land not leased is usually forested along the shore, which effectively screen whatever may occur just beyond the banks. Together with dedicated natural areas, these vegetated strips of land give much of the shoreline below Summit a very natural character. Figure F.1 shows the location of the Argo Terminal along the Canal and the locations of various lands in the vicinity of the Canal administered by governmental agencies which can be accessed by the public.

There are numerous environmentally sensitive areas along the Canal both up-stream and downstream from the Argo Terminal. The area is both a migratory stopover and wintering area for migrant shorebirds. Habitats are found along both the Canal and the inactive Illinois and Michigan (I&M) Canal which parallels the Chicago Sanitary and Ship Canal. Avian and mammalian communities include breeding areas for forest nesting birds, waterfowl, and local mammals (including raccoons, deer and coyotes).

Breeding areas for forest area species include large tracts of forest with populations of one or more migrant species. Breeding areas for water birds are areas occupied by one or more species of nesting birds. Breeding areas for furbearers include those areas which provide food, water or cover, or sites to rear round for any of the furbearing species. Breeding areas are of vital importance to the survival of all species.

The sensitive environments need to be protected during the different seasons are similar. Wetlands and wilderness areas are the areas of primary concern. During the spring, summer and fall, the wetlands serve as nursery areas for the aquatic organisms living in both the Chicago Sanitary and Ship Canal and the Illinois and Michigan Canal. During the spring and fall, wetlands and wilderness areas also serve as migratory stopover locations for birds as they move along the flyway. In winter, these areas serve as feeding and over-wintering locations for organisms which remain around the area during the winter months.

Economic Importance

Navigation Locks & dams

River Mile	**Water Body**	**Facility**	**Emergency #**	**Administrative #**
326.5 RDB	Illinois River, Calumet River	Thomas J.O'Brien Lock & Dam	773-646-2183	773-646-2183
291.1 LDB	Illinois River, Chicago Sanitary & Ship Canal	Lockport Lock & Dam	815-838-0536	815-838-0536

Surface Water Intakes-Public Water Supplies, Power Plants, and Industrial Uses

(b) (7)(F), (b) (3)

[redacted]

Prioritization of Environmental Sensitive Areas
In the event of a discharge, this section of the Emergency Response Action Plan can be used to assist the Argo Terminal, the US Coast Guard, the US Environmental Protection Agency and other governmental agencies in establishing priorities for off-site deployment of personnel and equipment to protect wildlife and environmentally sensitive areas from contamination.

Residential Areas
There are some residential areas near the Argo Terminal but there are no developments along the Canal. The Canal mainly has industrial and open sites both upstream and downstream of the Terminal.

Environmental Sensitive Areas
Downstream from the Terminal are numerous natural preserves that support recreational activities and serve as havens for various wildlife species.

SPECIES	STATUS	PRIORITY	HABITAT	CURRENT DISTRIBUTION
BIRDS				
Peregrine Falcon(Falco Peregrnus)	E	1	Breeding	Cook
INVERTEBRATES				
Hines Emerald Dragonfly*(Somatochlora Hineana)*	PE	1	Spring fed wetlands, wet meadows and marshes	Cook Will DuPage (Des Plaines River drainage)
PLANTS				
Eastern Prairie Fringed	T	1	Mesic to wet	Cook, DuPage, Grundy,

SPECIES	STATUS	PRIORITY	HABITAT	CURRENT DISTRIBUTION
Orchid*(Platanthere Leucophaea)*			prairies	Henry, Iroquois, Kane, Lake, McHenry
Prairie Bush-Clover*(Lespedeza Leptostachya)*	T	1	Dry to mesic prairies with gravelly soils	Cook, DuPage, Lee, Ogle, McHenry, Winnebago

Federally Protected Migratory birds may include:

SPECIES	STATUS	PRIORITY	HABITAT	CURRENT DISTRIBUTION
BIRDS				
Bald Eagle(Haliaeetus Leucocephalus)	T	1	Wintering	Illinois
Other waterfowl and migratory birds	Not Protected	2	Wintering	Illinois

Other Sensitive or Protected Areas:

AREA	PRIORITY	CURRENT DISTRIBUTION
State and County Forest (various including Columbia Woods and Will Springs Woods)	2	Downstream of the Argo Terminal on the Chicago Sanitary and Ship Canal
Heritage Programs (Illinois Michigan Canal)	3	Runs through Western Part of the Argo Terminal
Recreational Water Activities	3	Boating on the Chicago Sanitary and Ship Canal from the Chicago River (South) and Des Plaines River (North)

Appendix L locates the economic and environmentally sensitive areas near the terminal.

MUNICIPALITIES

Argo, Illinois
Bedford Park, Illinois
Chicago, Illinois
Midway International Airport
Cook County, IL

Proper marking and careful patrolling of these areas is required as usual to monitor activities near the pipeline system. Notification by the one call systems, JULIE and Chicago Digger, must be carefully checked, contractors notified, pipelines marked, and all work near the pipelines monitored by the field staff.

A pipeline accident in any area (especially these) will require an immediate shutdown of the pipeline system and immediate response to the emergency. Special precautions shall be taken to minimize the likelihood of accidental ignition of vapors. Spill containment booms and equipment will be required in water areas to prevent any spillage from spreading and to collect and cleanup the areas.

Environmentally sensitive areas and impacted wildlife will be addressed by specialty contractors dealing in wildlife rescue and special product recovery and cleanup techniques to minimize damage to these areas. In some instances, replanting of vegetation may be required to complete restoration of a particularly sensitive area.

WORST CASE DISCHARGE CALCULATIONS

(b) (7)(F), (b) (3) [redacted] Because the nature of the pipeline is that it is only 9.44 miles in length and there are three isolation valves in the run, the maximum estimated response time during a pipeline movement is expected to be less than 15 minutes. The shutdown response time per the procedures outlined in Section 3.0 will be almost immediate (assumed to be 1 minute for the purposes of this calculation). (b) (7)(F), (b) (3) [redacted]. The on hand supplies and outside contracted response personnel are targeted at responding via the checklist in Appendix H to respond to such a spill. Calculations are documented in Appendix I.

As per worst case discharge determination in 194.105 listed above, the terminal will respond within the time specified, after discovery of a worst case discharge, or to mitigate the substantial threat of such a discharge, as follows:

	Tier 1	Tier 2	Tier 3
All areas	12 hrs	36 hrs	60 hrs

2.0 NOTIFICATION PROCEDURES

In order to ensure the safety of all employees, contractors, outside agency responders, and the public, pre-emergency planning must be done. The primary means of providing this information is accomplished through training and the performance of mock drills. Specific to this program,

KMLT-A will conduct a yearly training exercise that will simulate a worst case discharge at a random point in the pipeline, and gauge our response to it, up to the point of mobilizing the third party responders, SET Environmental, Inc. This type of a drill is consistent with the National Preparedness for Response Exercise Program (NPREP).

This plan primarily addresses pre, during, and post-accident plans and procedures. But an equally important part of KMLT-A's preparedness is our prevention of the potential incident in the first place. KMLT-A has extensive Abnormal Operations Procedures that can be found in the Midway Pipeline, 49CFR 195 Operations Manual, Section III.

KMLT-A has reviewed the NCP and the Region 5 ACP, and this plan is consistent with those two plans.

COORDINATION WITH OUTSIDE PARTIES

Prior coordination with outside parties is essential to conducting a safe and organized emergency response to any incident. Therefore, outside emergency response contractors and agencies will be provided a copy of this plan. KMLT-A has made prior arrangements with several emergency response contractors that specialize in responding to spills, releases, and other emergencies associated with hazardous materials releases.

The names, addresses, and telephone numbers for these emergency response contractors are provided in Appendix E.

QUALIFIED INDIVIDUAL LIST/DUTIES

The Kinder Morgan Argo Terminal personnel identified in this plan have been authorized to function as Qualified Individuals (QI) with full authority to implement the Facility Response Plan during an emergency situation at the Argo Terminal.

In the event of a release into the Chicago Sanitary and Ship Canal that cannot be adequately controlled by Argo Terminal personnel, the Qualified Individuals identified below have full authority to mobilize the Kinder Morgan Argo Terminal Planned Emergency Response Service (PERS) contractors, SET Environmental, Inc. for assistance. The US Coast Guard has rated the local service teams as a Class E (highest rating) River/Canal, Oil Spill Removal Organization (OSRO). The Qualified Individuals are listed below:

QUALIFIED INDIVIDUALS:

Qualified Individual No. 1:	Miguel Gutierrez – Terminal Manager
Home Address:	(b) (6) [redacted]

Work Address:	8500 West 68th Street, Argo, Illinois 60501
Emergency Phone Numbers:	Work: (708) 496-2879 Cell: (b) (6) [redacted]
Response Training Experience:	30 yrs of Industrial experience, Hazmat IC Trained, FF II, and NIMS Trained. 24 Hr HAZWOPER Training
Qualified Individual No. 2:	Hal King – Safety Manager
Home Address:	(b) (6) [redacted]
Work Address:	8500 West 68th Street, Argo, Illinois 60501
Emergency Phone Numbers:	Work: (708) 496-2841 Cell: (b) (6) [redacted]
Response Training Experience:	10 Years Industrial Experience, Fire Training School, 24 Hr HAZWOPER Training

QUALIFIED INDIVIDUAL DUTIES

The Qualified Individual (QI) has the responsibility for coordinating Terminal activities and/or emergency response measures necessary to minimize or prevent harm to human health and the environment in the event of a fire, explosion, equipment failure, ozone alert, release of hazardous substance, material or waste to the air, soil, surface water or groundwater.

The Qualified Individual has the authority to commit the resources needed to carry out the necessary emergency response actions. Whenever there is an imminent or actual release or emergency situation, the QI shall immediately:

1. Activate facility alarms and communications systems as necessary to notify all facility personnel of imminent danger;
2. Notify response personnel, both Kinder Morgan and response contractor (if needed);
3. Identify the character, exact source, amount and extent of the emergency (or release) as well as the other items needed for notifications;
4. In the event that a release of oil or a hazardous substance has entered into the Chicago Sanitary and Ship Canal, immediately order the mobilization of personnel and equipment to deploy containment boom to control and capture to the greatest extent possible released materials. Mobilization is to be within one hour from the time the release into the water was detected;
5. Promptly (target- less than 15 minutes following detection of a Reportable Release or of a Probable Reportable Release) notify the NRC and appropriate Federal, State, and Local authorities of the release. Act as liaison to provide necessary information to the agencies.
6. Do not delay - INITIAL NOTIFICATION MUST NOT BE DELAYED PENDING COLLECTION OF ALL INFORMATION;

7. Assess the interaction of the spill substance with water and/or other substances stored at the Terminal and notify response personnel at the scene of the assessment;
8. Assess the possible hazards to human health and the environment associated with the emergency. The assessment must consider both the direct and indirect effects of the release (i.e., the effects of any toxic, irritating, or asphyxiating gases that may be generated, or the effects of any hazardous surface water runoffs from water or chemical agents used to control fire and heat-induced explosion);
9. Assess and implement prompt removal action to contain and remove the substance released including activation and engagement of contracted Oil Spill Removal Organizations (OSRO's);.
10. Coordinate rescue and response actions previously arranged with all response personnel;
11. Use authority to immediately access company funding to initiate cleanup activities; and
12. Direct cleanup activities until properly relieved of this responsibility.

The Qualified Individual will be prepared to pass all pertinent incident/release information, as discussed above in Qualified Individual Duties, to response personnel.

In the event of an emission or discharge, fire or explosion, the QI shall immediately identify the character, exact source, amount and real extent of emitted or discharged material. He may do this by observation, direct reports of persons who observed the incident, review of facility records, or from measurements. Concurrently, the QI shall assess the possible hazards to human health and the environment that may result from the emission, discharge, fire or explosion.

Continuity of management shall be maintained during emergencies, insofar as possible. When continuity of management cannot be maintained due to communications failure or other extenuating circumstances, the highest available level of management will assume supervision and control. An organizational structure that supports the overall objectives of the particular situation will be developed during the initial stages of planning.

As the response progresses, it may be necessary to modify some of the organizational aspects such as personnel responsibilities and authority so that individual tasks can be performed as efficiently and safely as possible.

The KMLT-A emergency response organizational structure and personnel responsibilities and duties are presented in Appendix B.

COMMUNICATION

Where communications services do not exist at the emergency location (e.g., at a pipeline failure site), communications shall be established as soon as possible using mobile phone units or the

nearest available telephone service. Regular communications will occur via radio communications, and via phone lines to the Airport location. Each incident will be reviewed on a case-by-case basis to determine the most appropriate means of communications.

CONFINED SPACE ENTRY

Kinder Morgan Liquids Terminals has developed a confined space program that is based on the OSHA Standard 29 CFR 1910.146. This program will be used to regulate and control entry into permit-required confined spaces, and will ensure that all confined space entry is performed in a safe manner.

TRENCHING AND SHORING

This section applies to all excavations or trenches made in the earth's surface during emergency response or repair operations. Any trenching or excavating will be performed in accordance with 29 CFR 1926.651 to ensure that each individual is protected from cave-ins, engulfment, and hazardous atmospheres.

HAZMAT INFORMATION

Preventing exposure to hazardous or toxic chemicals is a primary concern at any emergency response site. These substances can enter the unprotected body via inhalation, skin absorption, ingestion, or through wounds in the skin. A constituent may cause damage at the point of contact or may act systemically, causing an effect at a part of the body distant from the point of contact. The effects of exposure not only depend on the chemical, its concentration, route of entry, and duration of exposure, but may also be influenced by personal factors such as the individual's smoking habits, alcohol consumption, medication use, nutrition, age, and sex.

KMLT-A is committed to reducing the extent of chemical exposure to individuals performing emergency response activities. Personal protective equipment, air monitoring equipment, and environmental sampling equipment are provided and required to be used during emergency response activities The minimum PPE standards for emergency response is Reflective-FR Clothing, Hard Toes Shoes, Safety Goggles/Glasses, Hard Hat, and Gloves.

LOCK-OUT/TAG-OUT

All KMLT-A employees and contractors will use lock-out/tag-out procedures for all servicing and maintenance of equipment in accordance with the *KMLT-A Lockout/Tagout Procedure* and 29 CFR 1910.147.

3.0 SPILL DETECTION AND ON-SCENE SPILL MITIGATION PROCEDURES

Response time during an emergency can be the difference between an "event" and disaster. In some cases, immediate action to minimize the hazard may be the top priority, and notification of others second. In all cases, self-preservation and public safety must be the first concern. Field staff and control center operators, are likely to be the first to recognize an emergency situation.

In the event that an emergency results in contamination of soils or groundwater, KMLT-A will conduct an assessment and clean-up of the contaminated media in accordance with applicable IEPA and USEPA standards. The following sections describe the methods that may be used.

Environmentally sensitive areas (those with sensitive flora and fauna) will be dealt with on a case-by-case basis to determine the best approach for removal of free product and site restoration. This may include replanting, gentle washing, steam cleaning, sorbants, or other methods to deal with removal of contaminants.

INITIAL REMEDIAL ACTION

At sites where free product is present, KMLT-A will complete free product recovery provided that all sources of free product discharge have been located and the discharge has stopped, free product recovery does not spread contamination into previously uncontaminated areas, and flammable products are handled in a safe and competent manner

Upon initiation of free product recovery, KMLT-A will provide written notice to IEPA within three working days. If excessively contaminated soil exists at the site, the initial remedial action may include excavation of those soils for treatment or disposal.

The IEPA requires containment and physical removal of free product whenever possible. This task can be accomplished with vacuum units, skimmers, or absorbent pads and boom. Recovered free product will be stored, transported, and disposed in a safe and competent manner.

Disposal options for recovered product will vary depending on the resources available in the geographic area of the spill. Incineration, refining, or sale as a fuel are the preferred options for free product disposal.

CONTAMINATION ASSESSMENT

Upon discovery of contamination, a contamination assessment will be initiated. The objectives of the assessment will be to determine or confirm the contaminant source, determine whether the soil, sediment, surface water, or ground water is contaminated at the site, define the horizontal and vertical extent of contamination, and establish the presence and extent of free product.

VEGETATION CLEANING AND RESTORATION

In some instances, vegetation may be impacted as the result of a spill or release of petroleum products. In this event, every effort will be made to clean the impacted vegetation using gentle

water washing or other appropriate techniques. Some vegetation may be impacted beyond repair and may have to be harvested. In addition, emergency response personnel and equipment may damage vegetation during clean-up activities. In these instances, KMLT-A will make every reasonable effort to restore the site to its original condition up to and including re-planting if necessary.

FISH AND WILDLIFE RESCUE AND REHABILITATION

In some instances, fish or other wildlife may be impacted as the result of a spill or release of petroleum products. In this event, KMLT-A will use the services of professional wildlife rescue and rehabilitation contractors to rescue, clean, rehabilitate, and return to the wild any impacted animals.

REMEDIAL ACTION

Upon approval of the remedial action plan, KMLT-A will initiate site rehabilitation. Site rehabilitation will be conducted in accordance with applicable IEPA and USEPA standards, and may include any of the following:

- Pump and treat
- Thermal treatment
- Air sparging/vapor extraction
- Contaminant harvesting
- Intrinsic in-situ bioremediation
- Land farming
- Landfilling
- Soil washing
- Soil fixation

Pump and Treat

This technique uses one or a series of extraction wells to remove contaminated groundwater for subsequent treatment via incineration, carbon adsorption, or air stripping. The treated groundwater can then be re-injected into the aquifer, or routed to a wastewater treatment plant.

Thermal Treatment

This technique involves mechanical removal of contaminated media (e.g. soils, etc.) for subsequent incineration at a soil thermal treatment facility that has a current State of Illinois permit. Petroleum contaminated soil may be taken to out of state facilities, however those facilities will be checked to ensure that they are permitted by the state in which they are located.

Air Sparging/Vapor Extraction

This technique is used to remove volatile organics from the soil and free product from the top of the water table. Generally used in-situ, it can remove the contamination source and enhance further treatment with the intent to reduce dramatically cleanup times and subsequent costs.

The extraction is accomplished by applying a vacuum to a well or series of wells, constructed above the water table in the unsaturated or vadose zone. Air is drawn to the wells by the vacuum from the surrounding soils. As fresh air is brought into the formation, volatile contaminants move from the soils into the air, and are removed by the vacuum. The removed air can be exhausted directly to the atmosphere or treated to remove the contaminants. Air flow through sections of the vadose zone may be enhanced by modifying the standard vacuum extraction system and pumping compressed air into perimeter wells. Vacuum extraction is of limited use in areas with very tight soil formations or thin unsaturated zones. A cap may be required on the ground surface to prevent air from being drawn down the outside of the well casing.

Contaminant Harvesting

This technique is similar to pump and treat with the exception that it is much shorter term, and removes less groundwater. Contaminant harvesting is accomplished by pumping from several well points placed throughout the contaminated groundwater plume for short periods of time without depressing the groundwater table. Several days to several weeks are allowed between pumping event to allow maximum desorption of contaminants from soil particles. Several "harvests" may be necessary to effectively capture and remove the contaminants from the site based on effective porosity and transmissivity of the soil and aquifer.

Intrinsic In-Situ Bioremediation

Bioremediation is a cleanup technique that takes advantage of the ability of indigenous microorganisms to degrade hydrocarbon compounds. Microbial populations can be used to degrade hydrocarbon contaminated soils in-situ or in a reactor.

The biodegradation of petroleum products by enhanced bioremediation or by introducing acclimated microorganisms can be effective in the vadose zone provided that environmental conditions can sustain microbiological metabolisms. The environmental conditions that may potentially limit biodegradation in the subsurface are: temperature, pH, salinity, presence of metals, oxygen, free water (N, P, Trace Minerals), redox potential, alkalinity, inorganic nutrients, and the presence of other organics. The lack of oxygen is the primary factor that limits degradation in subsurface soils.

Land Farming

In some cases, treatment of petroleum contaminated soil may include land farming. The process involves spreading the soil in a thin layer over an impermeable liner or surface. The contaminant reduction is caused by a combination of volatilization, biodegradation, and photo-degradation.

Land Filling

Landfilling of soil which is not saturated or non-hazardous, in a lined landfill, is an acceptable disposal option with acceptance at the discretion of the landfill operator. However, if the soil is determined to be hazardous, this option would not be appropriate.

Soil Washing

This is not a commonly employed soil treatment technique in Illinois. The technique removes constituents from the soils by leaching the contaminant out of the soil with a leaching medium. The removal technique can be employed either in-situ as a water flushing system or by passing the soils through a countercurrent extractor system. The fluid normally used in the soil flushing is water which contains additives such as detergents, acids and alkalis.

Soil Fixation

This is a process where contaminated soils are temporarily removed from the ground, fixed, and returned to the excavation site. Fixation involves mixing contaminated soils with a cementitious grout compound. If needed, a chemical stabilizer is introduced into the grout mixture. The stabilizer "immobilizes" the soluble organics into globules, chemically locking them inside a cementitious ash monolith. This method normally is not used at petroleum cleanup sites due to the lack of large volumes of soil which are required to make it economically feasible.

Dispersants or In-Situ Burning

Dispersants or In-Situ Burning will not be used as an alternative response strategy.

LEAK DETECTION AND LOCATION

(b) (7)(F), (b) (3)

[redacted]

(b) (7)(F), (b) (3)

SHUTDOWN PROCEDURES

(b) (7)(F), (b) (3)

[redacted]

This section should include a reference to the response equipment Appendix H

4.0 RESPONSE ACTIVITIES

No two accidents or emergencies are identical. Therefore, it is not possible to write a checklist of responses to all emergency incidents, or even to a particular incident. However, a general checklist has been developed to respond to the more routine tasks to prioritize actions.

Appropriate actions to be taken when an emergency situation occurs will be dictated by the conditions existing at the place and time of the incident. However, certain responses will be common to most emergencies. This section discusses these responses and many of the factors that should be considered.

EMERGENCY ALERTING AND NOTIFICATIONS

Emergencies that affect the continuity of product flow in the pipeline facilities shall be reported immediately to the Argo Pumping Station control center operator. Customers shall be notified if the emergency involves facilities that are likely to affect the movement of product to or from their facilities. Other notifications will be made per the reporting procedures attached.

Emergency telephone numbers, KMLT-A company reporting procedures, and KMLT-A initial notification document form are presented in Appendices D, E, F, and G, respectively.

Other KMLT-A management and supervisory personnel shall be immediately notified through regular organizational channels. The emergency will then be reported to the KMLT Argo General Manager, Operations Superintendent – Petroleum, and Engineering Department. Further notifications to other Company offices may be required depending on the type of emergency involved by the operations supervisor. KMLT-A personnel shall be dispatched with mobile communications equipment including cellular telephone and the rapid response trailer to make the on-scene assessment.

OSRO contract # SET25194 has been setup to respond. Mobilize service groups (emergency assistance, maintenance, clean-up crews) if the emergency involved a significant loss of product. When a loss occurs, these groups should be informed what the product is, and if they are not familiar with the product, it's physical and chemical characteristics. These include flammability, toxicity, corrosives, vapor pressure, and specific gravity. Minimizing and controlling product loss may require contract assistance. Contractors should be informed of the nature of services required and the safety considerations required of them and their employees in the performance of the work.

Emergencies that do not affect the continuity of product flow in the system or service to a shipper, shall be reported to the Operations Superintendent – Petroleum through established organizational channels. Operations Superintendent – Petroleum will report to the General Manager who will advise all others concerned.

(b) (7)(F), (b) (3)

[redacted]

Local authorities or services such as fire departments, law enforcement agencies, medical or ambulance services, telephone companies (for restoration or addition of communications service), electric power companies, etc., shall be notified as required and with the expediency warranted by the nature of the emergency.

Local environmental agencies, the Illinois Environmental Protection Agency , the US Environmental Protection Agency, the US Coast Guard, the US Department of Transportation

Office of Pipeline Safety and other regulating agencies will be notified as required in governing regulations.

All operational failures and accidents involving the safety of pipeline facilities shall be investigated and analyzed for the purpose of determining the cause and to minimize the possibility of a reoccurrence.

All pipeline breaks, leaks, damages, repairs, fitting failures, pipe failures, or corrosion problems shall be reported to those parties identified in this section. Any time the line is uncovered and/or cut apart for maintenance, the pipeline shall be inspected and a report made of the conditions found. If the wall thickness of the pipe has been significantly reduced, appropriate action will be taken.

	Tier 1	Tier 2	Tier 3
All areas	12 hrs	36 hrs	60 hrs

INITIAL SITE INVESTIGATION AND REPAIR

Response teams should approach areas affected by the emergency conditions with caution. Before beginning work, the area should be checked for:

A. Necessary evacuations completed;
B. The extent of product movement or migration determined;
C. The released vapors dispersed and/or product contained, foaming may be required;
D. Pipeline facilities involved are isolated from facilities under pressure;
E. The pressure is reduced to a safe level in pipeline segments adjacent to a failed section of pipe;
F. The work area can be safely entered;
G. The area is safe for vehicles and hot work equipment (welding machines, etc.) if needed.

When it is safe for repairs to begin, they should be made according to the proposed plan and procedures, modified as needed to accommodate the actual (rather than assumed) conditions. This includes all required inspections and non-destructive tests to allow the pipeline to be returned to service. If the work involves cutting out a section of the pipeline, the internal condition of the pipe of the damaged section should be checked for corrosion or any indications that it cannot be returned to service at the desired pressure rating. Failed pipe cut from the line must be tagged for proper identification and retained for future analysis.

Upon completion of repairs and associated testing, the segment of line containing the failure should be checked before being refilled with product. The line should then be carefully monitored when returned to service. All data which might be useful in reporting and/or analysis of an accident shall be collected and made available to the pipeline manager. Formal reports to

the D.O.T. are required under certain conditions, so the gathering of data is essential for filing a complete report.

Establish a Command Post

First responders to the scene should establish a Command Post at a safe distance from the release point. The command post acts as the central clearinghouse for emergency information. To reduce confusion at the emergency scene, all responders will report to the Command Post upon arriving at or departing from the scene. All incoming and outgoing communications will pass through the Command Post.

Establish Hot and Warm Zones

Gas detectors (e.g. PIDs, O_2, LEL, CO, H_2S) will be used EHS Department representative to help establish the size of the Hot Zone. The Hot Zone should extend far enough to prevent hazards created by the incident from adversely affecting persons outside the zone. Access to the Hot Zone will be limited to response personnel necessary to control the incident and will be controlled by on-scene commander. Anyone entering the Hot Zone will be provided proper protective clothing and respiratory equipment, if necessary. A log will be maintained to record the entry and exit times of all persons who enter the Hot Zone.

The Warm Zone surrounds the Hot Zone. Access to the Hot Zone, support of personnel in the Hot Zone, and decontamination of personnel leaving the Hot Zone all occur in the Warm Zone. This also may be referred to as the decontamination, contamination reduction, or limited access zone. The Warm Zone will be controlled by member of the EHS Department.

PPE and Emergency Equipment

Personal protective equipment will be selected, provided, and required to be used in accordance with Section 2.7 of this document.

The KMLT-A emergency response equipment list is presented in Appendix H.

KMLT-A may at times borrow emergency response equipment from outside response organizations through the mutual aid group. In this instance, KMLT-A will replace any materials consumed in an expeditious manner.

Liquid Containment

The amount of environmental damage and the cost of soil and water cleanup and disposal will increase in nearly direct proportion to the area affected. Methods that may be used for controlling the spread of liquid on soil include constructing earthen dams and digging holes for collecting the liquid. The natural contours of the land will dictate which method is appropriate. Lining the dam or hole with a non-porous liner will help prevent the liquid from soaking into the soil. If a

non-porous liner is not available, spraying water on the soil before it is covered by the liquid will also help prevent soil penetration. Vacuum trucks or portable pumps may be used to remove liquid trapped in the containment area.

Spill booms can often be effective in stopping the uncontrolled spread of a liquid over water. The type of boom to be used and the proper method of deploying the boom depend on the depth of the water and the speed at which it is moving. Vacuum trucks, portable pumps, or skimmers can sometimes be used to remove the layer of liquid contained by the boom. Sorbent booms can be useful in removing thin layers of liquid from water.

The sizes of hazard zones associated with flammable or toxic vapor clouds and pool fires are also affected by the area covered by the liquid pool. Therefore, containment of the liquid will help reduce these hazards. Containment will also aid in preventing the accident from propagating into other areas. For example, if flammable liquid is allowed to spread unchecked and enters a sewer system, the flammable hazard can quickly threaten a much larger area.

Ignition Source Control

A flammable, non-toxic vapor cloud may pose a danger to a large area. If ignited, the cloud might explode, or may simply burn back to the source of the flammable vapor. The explosion or burning cloud can injure exposed persons and cause widespread property damage. If unignited, the vapor cloud will eventually be diluted below the lower flammable limit and dissipate harmlessly. The potential danger of a flammable, non-toxic vapor cloud is realized only if it is ignited.

Similarly, a release of flammable liquid that results in a liquid pool may cause some localized environmental damage, but will cause fire-related damage only if ignited. In many situations, it will be beneficial to prevent ignition of the released fluid. To prevent ignition, it will be necessary to remove all potential ignition sources in or near the flammable vapor cloud or liquid pool, and prevent other potential ignition sources from entering the hazardous area. Potential ignition sources include automobiles, matches, cigarette lighters, internal combustion engines, electric motors, pilot lights on gas-burning appliances, electric switches, static electricity, etc. Under some circumstances, it will be difficult to exclude all ignition sources from the hazardous area. Actually, it may be impossible under any set of circumstances since you cannot control all sources of static electricity. However, you should attempt to reduce the number of potential ignition sources to a minimum.

Be particularly careful when first responding to the scene so your vehicles or equipment do not ignite the release. The same precaution holds true for response personnel involved in hazard mitigation activities. Some of these activities, such as using vacuum trucks to collect spilled liquid, will introduce potential ignition sources to the area. Only use intrinsically safe equipment or explosion-proof equipment during mitigation and cleanup activities. Intrinsically safe walkie-talkies and air powered tools are recommended.

If an emergency occurs near a road or highway, control of traffic may be desirable to prevent ignition. The same is true if the accident occurs near a railroad right-of-way or navigable waterway. Control of railroad or waterway traffic may be more difficult than controlling normal roadway traffic. Trains and ships require very long distances to stop. Companies and government agencies that control railroad and waterborne traffic in the area may need to be contacted for assistance.

Extinguishment

Under some circumstances, it may be possible to assemble sufficient fire fighting equipment and agents (either foam or dry chemical) to extinguish a fire of released fluid. Although this would be an effective method for reducing the potential for fire-related injuries and property damage, it is not always the best policy. Once the fire is extinguished, a vapor cloud will begin to form. This cloud will be flammable and may also be toxic or explosive. The potential dangers of the vapor cloud will often outweigh the benefit gained by extinguishing the fire. It is also more difficult to assess the hazard zone for the vapor cloud.

Shutdown of Other Pipelines

If a hazardous fluid release occurs in an area where several pipelines share the same right-of-way, those pipelines that are not leaking may be shut down. In general, it is preferable to have fluid flowing through adjacent pipelines that are still intact. If the release catches fire, the flowing fluid will help keep the adjacent pipelines cool and prevent premature rupture. All operators of pipelines in the right-of-way will be notified of the situation and should be prepared to shut down additional pipelines in case they are damaged by fire, explosion, or digging operations required in response to the original emergency. The pipeline controller would have authority to shutdown pipeline.

EVACUATION, SAFE DISTANCES, AND PLACES OF REFUGE

The previous mitigation methods are all based on reducing the extent of the hazardous zones created by the release of a hazardous material. It is also possible to reduce risk to persons by removing them from a potentially hazardous area, or by shielding them from the effects of a particular hazard. When considering how best to protect people from a hazardous material release, one of the methods commonly suggested is evacuation. KMLT-A will coordinate any evacuation efforts with the local police and fire departments.

Evacuation can expose people to the very hazard you are trying to protect them from. Due to the time required to begin an evacuation, the hazardous condition (e.g. fire, flammable vapor cloud) may already pose a danger to persons who are outdoors and have not sought shelter. People who leave their home or place of business will be most vulnerable to effects of the release during the period they are outdoors. In some cases, it is better to recommend sheltering-in-place. With the shelter-in-place method, people are requested to remain indoors, and should not go outside unless absolutely necessary. A home or other building can provide a significant degree of protection

from the heat effects of fires and even from the effects of toxic vapor clouds. The choice between evacuation and sheltering-in-place should be based on the results of a hazards analysis and the specific situation.

5.0 LIST OF CONTACTS

The following procedures should be followed to ensure the timely arrival of key individuals on-site ASAP (immediately or within drive time) – in the event of an emergency situation.

Fire, Evacuations, and Weather Conditions

1. The person discovering a fire must notify the Supervisor on Duty.
2. The Supervisor on Duty becomes the Interim Incident Commander and will contact the Incident Commander.
3. The IC will evaluate the resource need and activate the Crisis Support Plan (CSP) – if needed.

Spills and Releases

1. The person discovering the spill or release must notify the Supervisor on Duty.
2. The Supervisor on Duty will contact the Liaison Officer (LO) and the IC.
3. The IC will evaluate the need for additional resources, and activate the CSP if needed.

Kinder Morgan Personal Injuries

1. The injured person or person(s) discovering an injured person must immediately notify Supervisor on Duty and the Terminal Manager (IC) or AIC.
2. The IC or AIC will promptly contact EHS Manager.
3. EHS Manager will implement the Argo Terminal Injury Procedure
4. The IC or AIC will evaluate the need for additional resources, and activate the CSP if needed.

Non-Kinder Morgan Personal Injuries

1. The injured person or person(s) discovering an injured person must immediately notify their Supervisor.
2. The Supervisor will contact the injured person's employer [and call 911 for emergency care if needed].
3. The Supervisor will promptly contact EHS Manager, IC or AIC.
4. EHS Manager will communicate the status of the injured person with the IC.
5. The IC or AIC will evaluate the need for additional resources, and activate the CSP if needed.

NOTE: Reports, statements, etc. must be collected and forwarded to the Liaison Officer for ALL the above incidents for filling.

Emergency contact numbers:		**Mobile**
Primary Incident Commander (IC/QI)	Mike Gutierrez	(b) (6)

Alternate (AIC/AQI)	Hal King	(b) (6) [redacted]
Primary Safety Officer	Hal King	
Alternate Safety Officer (ASO)	Ki Harmon	
Primary Liaison Officer	Ki Harmon	
Primary Logistics Section Chief	Terence Fields	
Alternate Logistics Officer	Mark Pyciak	
Primary Information Officer	Patricia Bernal	
Alternate Information Officer (AIO)	Ki Harmon	
Primary Operations Chief	Sara Delahunt	
Alternate Operations Section Chief	Ops Supervisor	
Primary Planning Section Chief	Andy Dorich	
Alternate Logistics Section Chief	Jason Lorek	
Primary Finance / Admin Section Chief	Arleane Huesman	
KMLT Director EHS (ASO)	Tammy Moeller-Clark	
KMLT VP EHS	Michael Pitta	
KMLT Regional EHS Manager	Mark Lieberman	
KMLT Vice President-Operations	Carlos Munguia	
KMLT General Manager	James Hill	
Kinder Morgan Legal	Nancy Van Burgel	
Supervisor on Duty		

Spill Responders:

SET Environmental	(877) 437-7455	(24 Hour Phone Number)
Ziron Environmental	(708) 757-9601	
RAYCO Services	(708) 717-3401	(Excavation Services)

Legend:
QI: Qualified Individual AQI: Alternate Qualified Individual AIO: Alternate Information Officer AIC: Alternate Incident Commander

POST REPORTING PROCEDURES

A written supplementary report shall be made by the field staff or engineer investigating a failure or accident when requested by the Operations Superintendent – Petroleum. Such reports shall include photographs, sketches, measurements, and any other available data that may be pertinent. Sufficient information and data shall be obtained on each failure or accident so that the information required by the Department of Transportation Part 195 can be furnished, should the nature and/or scope of the incident require that it be reported. This information shall be forwarded to the Operations Superintendent – Petroleum and Engineering Manager for notification of the proper agencies.

Whenever possible, materials that can be utilized in a laboratory analysis to establish the possible cause of a failure or accident shall be salvaged and tagged for identification. Care shall be taken to preserve these materials in their existing condition so as not to impair their analytical value. A

laboratory analysis and/or metallurgical examination of the failed specimen shall be initiated when it is deemed necessary. A full report on the findings of the analysis or examination shall be prepared by the laboratory firm and kept on file. Information gained by investigation and analysis of failures or accidents shall be considered and utilized to prevent a reoccurrence of failures or accidents from the same cause.

It shall be the responsibility of the Operations Superintendent – Petroleum to see that each failure or accident involving the safety of pipeline facilities is investigated, the necessary reporting information obtained, a full report made, and a specific specimen obtained and preserved for laboratory analysis when requested.

The Operations Superintendent – Petroleum and field staff shall be responsible for disseminating information that may be helpful in preventing a reoccurrence of a failure or accident from a similar cause.

All records of failures or accidents shall be retained at the Argo office (with the DOT Pipeline Engineer) for the life of the system.

U.S. Department of Transportation 49 CFR 195 Subpart B requires that pipeline operators report certain types of accidents and safety-related conditions.

An accident report is required for each failure in a pipeline system in which there is a release of the hazardous liquid transported resulting in any of the following:

A. Explosion or fire not intentionally set by the operator;
B. Loss of fifty (50) or more barrels of liquid;
C. Death of any person;
D. Bodily harm to any person resulting in one or more of the following:
    1. Loss of consciousness;
    2. Necessary to carry the person from the scene;
    3. Necessity for medical treatment;
    4. Disability which prevents the discharge of normal duties or the pursuit of normal activities beyond the day of the accident.
E. Estimated property damage to the property of the operator or other, or both, exceeding Fifty Thousand Dollars ($50,000).

At the earliest practicable moment following discovery of a release of the hazardous liquid transported resulting in any of the above types of incidents, the operator of the system must give telephonic notice of any failure that:

A. Caused a death or a personal injury requiring hospitalization;
B. Resulted in either a fire or explosion not intentionally set by the operator;
C. Caused estimated damage to the property of the operator or others, or both, exceeding Fifty Thousand Dollars ($50,000).

D. Resulted in pollution of any stream, river, lake, reservoir, or other similar body of water that violated applicable water quality standards, caused a discoloration of the surface of the water or adjoining shoreline, or deposited a sludge or emulsion beneath the surface of the water or upon adjoining shorelines;
E. In the judgment of the operator, was significant even though it did not meet the criteria of any other paragraph of this section.

Telephonic reports shall be called by phone to 708-496-2860 and must include the following information:

A. Name and address of the operator;
B. Name and telephone number of the reporter;
C. The location of the emergency condition;
D. The time of the failure;
E. The fatalities and personal injury, if any;
F. All other significant facts known by the operator that is relevant to the cause of the failure or extent of the damages.

Each operator that experiences an accident that is required to be reported shall, as soon as practicable, but no later than thirty (30) days after discovery of the accident, prepare and file an accident report on DOT Form 7000-1, or a facsimile.

Whenever an operator receives any changes in the information reported, or additions to the original report on DOT Form 7000-1, it shall file a supplemental report within thirty (30) days.

Each operator shall report the existence of any of the following safety-related conditions involving pipelines in service:

A. General corrosion that has reduced the wall thickness to less than that required for the maximum operating pressure, and localized corrosion pitting to a degree where leakage might result;
B. Unintended movement or abnormal loading of a pipeline by environmental causes, such as an earthquake, landslide, or flood, that impairs its serviceability;
C. Any material defect or physical damage that impairs the serviceability of a pipeline;
D. Any malfunction or operating error that causes the pressure of a pipeline to rise above 110% of its maximum operating pressure.
E. A leak in a pipeline that constitutes an emergency.
F. Any safety-related condition that could lead to an imminent hazard and causes (either directly or indirectly by remedial action of the operator), for purposes other than abandonment, a twenty percent (20%) or more reduction in operating pressure or shutdown of operation of a pipeline.

A report is <u>not</u> required for any safety-related condition that:

A. Exists on a pipeline that is more than 220 yards from any building intended for human occupancy or outdoor place of assembly, except that reports are required for conditions within the right-of-way of an active railroad, paved road, street, or highway, or that occur offshore or at onshore locations where a loss of hazardous liquid could reasonably be expected to pollute any stream, river, lake, reservoir, or other body of water;
B. Is an accident that is required to be reported or results in such an accident before the deadline for filing the safety-related condition report;
C. Is corrected by repair or replacement in accordance with applicable safety standards before the deadline for filing the safety-related condition report, except that reports are required for corrosion and pitting other than localized corrosion or pitting on an effectively coated and cathodically protected pipeline.

Each report of a safety-related condition must be filed (received by the Secretary) in writing within five (5) working days (not including Saturdays, Sundays, or Federal holidays) after the day a representative of the operator first determines that the condition exists, but not later than ten (10) working days after the day a representative of the operator discovers the condition. Separate conditions may be described in a single report if they are closely related.

The report shall be headed "Safety-Related Condition Report" and provide the following information:

A. Name and principal address of operator;
B. Date of report;
C. Name, job title, and business telephone number of persons submitting the report;
D. Name, job title, and business telephone number of person who determined that the condition exists;
E. Date condition was discovered and date condition was first determined to exist;
F. Location of condition, with reference to nearest street address, survey station number, milepost, landmark, or name of pipeline as appropriate, state, city or town;
G. Describe the condition, including circumstances leading to its discovery and any significant effects of the condition on safety;
H. The corrective action taken (including reduction of pressure or shutdown) before the report is submitted and the planned follow-up or future corrective action, including the anticipated schedule for starting and concluding such action;
I. List all commodities transported in the pipeline system.

All accident and safety-related condition reports will be reviewed by the Operations Superintendent – Petroleum with copies to the KMLT Houston Office. The Operations Superintendent – Petroleum shall be responsible to see that the proper reports are completed and filed in a timely fashion to meet the regulatory deadlines.

6.0 TRAINING

KMLT-A will train, establish and conduct a continuous training program in accordance with 29 CFR 1910.120(e), 49 CFR 194.117 and 49 CFR 195.403 to instruct emergency response, operations, and maintenance personnel to:

Carry out the operating, maintenance, and emergency procedures that relate to their assignments;
1) All personnel must know:
- General SPCC, Hazcom, and Emergency Response Procedures

2) Reporting personnel must know:
- The name, address and procedure for contacting the operator on a 24-hr basis
- The name, address, and procedure for contacting the QI on a 24-hr basis
- Know the toll free phone number for the NRC

3) Response personnel must know:
- Know the characteristics and hazards of the hazardous liquids transported including flammability of mixtures with air;
- Recognize conditions that are likely to cause emergencies and to take appropriate corrective action;
- Take steps necessary to control any accidental release of hazardous liquid and to minimize potential for fire, explosion, toxicity or environmental damage; and,
- Learn the proper use of fire fighting and personal protective equipment.
- Comply with all standard operating procedures to mitigate any emergency;

An annual training schedule which includes review of the P/L Operations and Emergency Response Actions is attached in Appendix C. Training records are maintained in regional training center and will be maintained as long as the individual is assigned duties under the plan.

7.0 DRILLS PROCEDURES

The Argo Terminal Emergency Response Personnel(ATERP), under the leadership of the Operations Supervisor maintain a training schedule including participation in required annual, semi-annual and other planned exercises as appropriate to fulfill OPA 90 exercise requirements. Mobilization of the ATERP in response to an incident at the Argo Terminal will be considered as an OPA 90 exercises event. The Operations Superintendent will maintain record of training and exercises events. The Argo Terminal Exercise Program will be consistent with guidelines provided the by National Preparedness for Response Exercise Program (PREP).

QUARTERLY NOTIFICATION OF QUALIFIED INDIVIDUALS

To confirm ability to contact the Qualified Individuals (QI's) during non-working hours, the Argo Terminal personnel will contact each QI once each calendar quarter, during off-duty hours, to confirm status of the home telephone number and/or Cellular Service. Record of this confirmation will be maintained.

ANNUAL ARGO TERMINAL EMERGENCY RESPONSE PERSONNEL TABLETOP EXERCISE

Annually the ARTERP Leader or Assistant Leader will conduct a Tabletop Exercise. During a three year period, at least one of these exercises will include a worst case discharge scenario;

The announced drill shall be pre-planned. It shall consist of the deployment and setting of between 400 - 500 feet of 6 inch containment boom around one of the Argo Terminal Barge Docks. It shall also consist of deployment of the facility vacuum truck, stretching 2 inch suction hoses, and skimming up to 50 barrels (2100 gallons) of water from within the boomed area, to simulate the skimming and recovery of spilled oil in an actual spill. The drill shall be conducted as follows:

1. A meeting with all drill participants shall be held, conducted by the ATERP Leader, or Assistant Leader. All participants shall be notified of the barge dock location to be boomed, the quantity of boom to be deployed, and personnel assignments shall be made at this time;
2. The pontoon boat shall be launched with two or more boat operators;
3. Personnel on the barge dock shall connect and deploy between 400 to 500 feet of 6 inch boom to the boom deployment boat in the water.
4. The boom deployment boat shall pull the boom into position, and with assistance from personnel on the barge dock, it shall be secured to the barge dock to surround the barge dock location to be boomed;
5. The vacuum truck and up to 5 personnel with 2 inch suction hose shall arrive from shore. They shall stretch 2 inch suction hose from the vacuum truck to the Canal with the area that has been boomed off. They shall then skim up to 50 barrels (2,100 gallons) of water into the vacuum truck (the water will be off-loaded into the main terminal oil/water separator);
6. The results of the drill shall be recorded by the Emergency Response Group Leader and filed;
7. Within 30 days, the results of the Announced Drill shall be evaluated by a Qualified Individual and recorded in files. The QI will decide whether any corrective measure is needed based on the results of the Notification Drill. If corrective measures are necessary and the FRP must be changed, than all persons shall be retrained and changes will be sent out to the FRP distribution list.

ANNUAL UNANNOUNCED DRILL

An annual unannounced drill shall be conducted. During this drill the ATERP and our Oil Spill Response Organization (OSRO) Contractor shall be activated. The timing and spill scenario of the drill shall be known in advance only to the Qualified Individuals and the ATERP Leader or Assistant Leader. This spill drill shall involve a hypothetical spill of oil into the Chicago Sanitary and Ship Canal from the Argo Terminal.

To initiate this unannounced spill drill, the Terminal Manager, or Alternate Qualified Individual, shall contact the Operations Supervisor by phone. This call shall be made at random times of the day and week, and the caller will do the following:

1. Identify himself to the Operations Supervisor;
2. He will then say "This is a Spill Drill";
3. He will then briefly describe a hypothetical spill situation (for example: "The barge at Barge Dock No. 3 is out bounding No. 2 Fuel Oil, its hose has just burst, the barge has shut down pumping, 1200 gallons of No. 2 Fuel Oil have entered the Chicago Sanitary and Ship Canal, this happened exactly 2 minutes ago" You are to mobilize response resources in accordance with our spill response plan. You are authorized to request assistance from our OSRO Contractor, by calling the OSRO's emergency response number and saying: This is a Spill Drill, we request mobilization of appropriate Spill Response equipment and personnel for this spill scenario, this is a Spill Drill);
4. He will than say "Repeat, This is a Spill Drill" and he will then repeat the description of the hypothetical spill and authorization to request assistance from the OSRO Contractor;
5. He will then hang up the phone. He will not make any other statement, engage in any discussions, answer any questions, or assist the Operations Supervisor in any way;

The Operations Supervisor will then be required to notify Kinder Morgan personnel (including the Qualified Individual or Alternate Qualified Individual), according to the spill notification procedure, and state that a Spill Drill is in progress. In addition, for the purposes of this drill, the Operations Supervisor shall be required to contact the OSRO Contractor by telephone and state "This is a Spill Drill at the Kinder Morgan Liquids Terminals, LLC - Argo Terminal. We request Spill Response mobilization, this is a Spill Drill" and describe the spill scenario involved in the drill. By pre-arrangement, SET Environmental shall respond to this message with contracted personnel and equipment that are appropriate for this spill scenario.

8.0 PLAN REVIEW AND UPDATE PROCEDURE

This Plan will be reviewed by Kinder Morgan employees and/or consultants during the course of future internal auditing, and at a minimum of every 5 years from the date of the last submission date to DOT-PHMSA. In addition, whenever changes occur, the primary Qualified Individual shall be responsible for reviewing the Plan, and determine whether a change needs to be made either to maintain its accuracy, or to improve its effectiveness. All response plan reviews and update procedures will comply with 49 CFR 194.121.

(b) (7)(F), (b) (3)

APPENDIX B: INCIDENT MANAGEMENT SYSTEM

National Interagency Incident Management System (NIIMS)
Incident Command System (ICS) / Unified Command System (UCS)

Incident Commander
Mike Gutierrez (P)
Hal King (A)

Information Officer
Patricia Bernal (P)
Ki Harmon (A)

Liaison Officer
Ki Harmon (P)

Operations Section Chief
Sara Delahunt (P)
Foreman on Duty (A)

Safety Officer
Hal King (P)
Ki Harmon (A)

Planning Section Chief
Andy Dorich (P)
Jason Loreck (A)

Logistics Section Chief
Terence Fields (P)
Mark Pyciak (A)

Finance / Admin Section Chief
Arleane Huesman (P)

Oct 2013

Refer to USCG Field Operations Guide for responsibilities and duties

PHMSA 000084903

APPENDIX C: PIPELINE OPERATIONS AND MAINTENANCE PROCEDURES

(Procedures located on intranet or hard copies located in Ops Supt. Office)

Section	Procedure #	Title
Safety	109	Excavating, Trenching, and Shoring
Safety	112	Inspection, Testing, and Maintenance of Fire Protection Systems and Features
Safety	134	Confined Space Entry
Safety	152	Lockout Tagout
Safety	155	Management of Change
Safety	159	Incident Investigation and Reporting
Safety	199	Operator Qualification
Pipeline	201	MOP Determination
Pipeline	202	Lowering In-Service Pipelines
Pipeline	203	Coating Pipelines
Pipeline	204	Construction Near Company Facilities
Pipeline	205	Pipeline Markers, Signs, and Cover
Pipeline	206	Land and Right-of-Way
Pipeline	208	Operating Pressure Uprating
Pipeline	209	Texas Intrastate Pipeline Integrity Assessment and Management Plan
Pipeline	211	Reporting Construction and Major Revisions
Pipeline	213	Leaks, Pipe and Weld Defects (Evaluation and Repair)
Pipeline	214	Reporting Pipeline Safety Related Conditions
Pipeline	215	Patrolling and Leak Detection
Pipeline	217	Underwater Crossing Inspection
Pipeline	218	Continuing Surveillance of Abnormal Operations
Pipeline	219	DOT and State Pipeline Reports
Pipeline	220	United States HCA Determination (Annual/New/Acquired)
Pipeline	221	Right-of-Way Maintenance
Pipeline	222	Pipeline and Facility Tie-In Procedure
Pipeline	223	Shutdowns, Pipeline, and Pipeline Facilities
Pipeline	224	Hot Tapping and Stoppling® Pressurized Pipeline
Pipeline	225	Facility Assessment Process
Pipeline	226	Abandoning, Inactivating, and Reactivating Liquids Piping
Pipeline	227	Purging
Pipeline	232	Damage Prevention and Public Education
Pipeline	234	Blowing Down Pipeline Segments
Pipeline	235	Pigging Operations

Pipeline	236	Air Movers
Pipeline	240	Using Night Caps
Pipeline	250	Drain Up
Pipeline	265	MOP KMLT
Pipeline	268	Exposed Pipe Field Inspection
Pipeline	270	California Intrastate Pipeline Integrity Assessment and Management Plan
Pipeline	271	Conversion to Service
Pipeline	272	Facility Risk Analysis and Preventive and Mitigative Measures Evaluation
Pipeline	273	Leak Detection Analysis for Preventative and Mitigative
Pipeline	274	EFRD Analysis
Pipeline	275	Continuing Risk Analysis to Identify Preventive and Mitigative Measures
Pipeline	276	Annual IMP Schedule
Pipeline	277	Review Risk Algorithm
Pipeline	278	Field Data SME Validation
Pipeline	279	CPM Leak Detection
Pipeline	280	Full Encirclement Welded Sleeves for Pressure Containment (Type B Sleeves)
Valves	301	Inspecting and Servicing Pipelines Valves
Pipe and Weld	401	Welder Qualification and Testing
Pipe and Weld	402	General Welding Specifications
Pipe and Weld	403	Pipe Wall Thickness Survey
Pipe and Weld	404	Welding Pressure Limitation
Pipe and Weld	405	Welding on a Pressurized Line
Pipe and Weld	406	Weld Inspection and Testing
Pipe and Weld	407	Welding Procedures
Pipe and Weld	407a	Welding Procedures Selection Guide
Pipe and Weld	454	Non-Destructive Testing Requirements
Pipe and Weld	455	Pipe De-Magnetization Procedure
Pipe and Weld	456	Welding and Fabrication
Pumps	500	Pump Station Emergency Shutdown
Pumps	501	Start and Stop Guidelines Electric Motors
Pumps	502	Start and Stop Guidelines: Gas Turbine
Pumps	510	Security, Company Facilities
Pumps	512	Severe Weather Operating Plan
Pumps	550	Testing Vapor and Fire Detection
Pressure Control	702	Carseal
Pressure Control	703	Pressure Limiting and Relief Devices and Inspections

Pressure Control	704	Overpressure and Overfill Protective Devices
Pressure Control	710	Overfill Protection Devices
Corrosion	903	External Corrosion Control for Buried or Submerged Pipelines
Corrosion	903-001	External Corrosion Control for Buried or Submerged Pipelines – In-Station Piping
Corrosion	906	Internal Corrosion Control
Corrosion	914	Appropriate Assessment Tool and Vendor Selection
Corrosion	916	In-Line Inspections
Corrosion	917	Stress Corrosion Cracking
Corrosion	918	Inspecting for Atmospheric Corrosion
Corrosion	918-001	Inspecting for Atmospheric Corrosion – In-Station Piping
Corrosion	919	SCC Direct Assessment
Corrosion	920	External Corrosion Direct Assessment
Corrosion	921	Internal Corrosion Direct Assessment
Corrosion	922	DOT Notifications and Variance
Corrosion	923	Continuing Assessments and Analysis
Corrosion	924	Uniform Girth Weld Positioning
Corrosion	925	ILI metal Loss & Tool Grading Validation
Measurement	1006	Electronic Flow Measurement
Measurement	1007	Turbine Meters
Measurement	1008	Positive Displacement Meters (Rotary and Diaphragm)
Measurement	1009	Liquid Chromatograph Standard
Measurement	1010	Inferential Meters: Large Capacity Multi-Path Ultrasonic Meters
Measurement	1026	Liquids Odorization
Measurement	1030	Loss Reporting
Measurement	1060	Tank Measurement
Measurement	1061	Static Temperature Determination
Measurement	1062	Provers and Meter Systems
Measurement	1064	Loading Rack Meter Measurement
Measurement	1065	Calculations
Measurement	1066	Reconciliation of Liquid Pipeline Quantities
Control Center	1101	Response to Notice of Emergency or Abnormal Operations
Control Center	1102	Response to Abnormal Operations (Pressure and Flow Control)
Control Center	1103	Remote Pump Operation
Control Center	1104	Notice of Equipment Service and Maintenance
Control Center	1105	Remote Flow Control
Control Center	1125	Point to Point Verification
Control Center	1127	SCADA Modifications
Control Center	1129	Shift Change
Control Center	1131	Internal Communication

Control Center	1133	Alarm Management
Control Center	1142	Workload Assessment
Control Center	1145	Fatigue Mitigation Plan
Control Center	CRM Plan	Control Room Management Plan
Environment	1201	Environmental Release Response
Environment	1202	Air Quality Permitting and Compliance
Environment	1203	Oil Pollution and Spill Prevention
Environment	1204	Standards for Managing Used Oil
Environment	1205	Land Disturbance and Storm Water Construction Permits
Environment	1206	Waste Disposal
Environment	1209	PCB Liquid and Wipe Sampling
Environment	1210	Sampling and Analyzing Materials
Environment	1211	Asbestos
Environment	1212	Hazardous Material Transportation
Environment	1213	Underground Storage Tank Permitting
Environment	1216	Community Right-To-Know Program
Environment	1220	Naturally Occurring Radioactive Materials
Engineering	1403	Specifications - Flanges, Flange Bolts and Gaskets
Engineering	1404	Maps and Records
Electrical	1501	Electrical Class Locations
Electrical	1503	Electrical Insulation and Testing
Hydrostatic Testing	1600	Strength and Leak Testing
Maintenance & Inspection	1700	Inspection and Maintenance Procedures
Emergency Plan	1900	Abnormal Operating Conditions and Emergency Response Plan
Emergency Plan	1901	Assessment of Vapor Release at an Accident Site
Tanks	2101	Tank Inspections

APPENDIX D: SPILL RESPONSE PLAN IMPLEMENTATION CHECKLIST

IMMEDIATE ACTIONS

The Argo Terminal Emergency Response Manual (ERM) has been prepared to enable emergency personnel to respond to emergencies in an efficient and safe manner. Prompt action is absolutely necessary when responding to emergency situations involving fire, explosions, product releases, medical emergencies, severe weather, etc. Response actions for these emergency scenarios are detailed in the ERM.

Regarding a release of oil or hazardous substance, immediate actions that will be implemented at the Argo Terminal include:

Evaluation of the incident location to determine the cause and extent of the release;
Evaluation of health hazards to identify personnel protective equipment requirements;
Ensure emergency responders don required personnel protective equipment;
Shut-off or remove ignition sources;
Act quickly to secure the source releasing material (close valves, secure pumps, install temporary patch, etc);
Enforce safety and security measures;
Initiate containment and begin removal actions;
Notify the NRC and other agency personnel if the release is a reportable release;

Each discharge incident must be covered by completion of a Kinder Morgan Incident Report by the Supervisor or Foreman on the scene.

A. When Jet Fuel is discovered on the water or adjoining shoreline, determine the source immediately.
   1. If the source is determined to be the Pipeline, shut down and report the incident to the Facility Response Coordinator.
   2. If the quantity and/or nature of the substance present a potential fire hazard, shut down transfer operations in the vicinity of the spill.

B. Take appropriate steps to stop the spill. In no case shall transfer operations be resumed until the cause has been corrected and it is safe to do so.

Spill Response Team

Upon arrival at a spill or release, Environmental Response Team Members will receive instructions from the Qualified Individual or his designee. These members will execute his orders. Either diking or booming will be utilized to contain a spill. Vacuum truck will also be utilized if necessary to contain a spill. Caution is used to prevent against fire. All efforts will be made to effectively remove hazardous waste from the emergency area. Members will continue operations until all wastes are removed. If the spill is beyond the Terminal's ability to response, the Contractor will be called in to supply additional equipment and manpower. The response will be prioritized according to the Environmentally Sensitive Areas Protection Plan found in Section 6.0.

Personnel and equipment will be deployed per the Environmentally Sensitive Area Protection Plan.

A. Marine Spill
   In the event of a spill that may enter the Sanitary and Ship Canal, the person sighting the hazardous substance is to:
   1. Ascertain whether or not any human life is in danger.
   2. If any human life is in danger, take prompt action to alleviate such danger (may entail communicating with local authorities for evacuation).
   3. Determine how the spill can be stopped or brought under control, take immediate action to do so.
   4. Institute emergency notification procedures.
   5. Determination of the severity of the spill, whether major or minor, will be made by the Facility Response Coordinator on duty, which will decide how the spill will be cleaned up.

The Facility Response Coordinator will set up shift schedules for proper coverage during the emergency. Facility personnel and outside contractors will respond to these spills. Work force, as required, will follow directions on spill cleanup and duties as outlined by the Facility Response Coordinator.

APPENDIX E: EMERGENCY NOTIFICATION PHONE LIST

Emergency Response Action Plan - Emergency Notification List 12/2013

Incident Date: _____ **Time:** _____ **Location:** _____

Caller Information: _____

Incident Description: _____

Organization	Phone Number	Caller	Time Called	Notes and Comments
National Response Center	1-800-424-8802			
Qualified Individual (Off Hours Numbers)	Mike Gutierrez (Term. Mgr) 618-977-1930			
USEPA OCS Region IV	312-353-2318			
US Coast Guard (Marine Safety Unit - Chicago)	630-986-2155 or 414-747-7190			
Bedford Park Fire Dept.	708-563-4510 or 911			
Bedford Park Police Dept.	708-458-3388 or 911			
Bedford Park Water Dept. (Jim Gifford)	708-458-6026			
Federal Emergency Management Agency Region V	(312) 408-5500			
Department of Homeland Security and Emergency Management Association (Cook County Emer. Mgt)	312-603-8180			
Suburban Cook County LEPC	815-955-9827			
Fire Marshall	217-785-0969			
FBI	312-421-6700			
Illinois Emergency Management Agency (EMA)	1-800-782-7860			
Illinois Environmental Agency (EPA)	217-782-3637			
Illinois Department of Natural Resources	217-782-0179			
Occupational Safety and Health Administration (OSHA)	Region V 312-353-2220 Fatality or Life Threatening Situation 1-800-321- (OHSA) 6742			
MWRDGC	312-787-3575 (Day - 24hrs) 708-588-4197 (Water Waste Mgr)			
State Police	847-294-4400			
MacNeal Hospital	708-783-9100 or 783-6000			
MacNeal Clearing Clinic (Occ. Health Service)	708-496-1515			
Stickney Police Dept. (pipeline emergency)	708-788-2131			
Stickney Fire Dept.	708-795-6333			
Summit Police Dept. (pipeline emergency)	708-563-4830			
Summit Fire Dept.	708-594-3894			
Rayco	708-496-8421			
Set Environmental (OSRO)	1-877-437-7455			
Ziron Environmental	708-757-9601			
Weather - National Weather Service Center	217-244-8226 (24 hrs)			
Alternate Qualified Individuals (AQI)	Hal King (Safety Mrg) 815-955-8897			
Eastman	72884 or 72883			
Supervisor on Duty	72860			
Main Dispatch	72875			
Laboratory	72876			
Maintenance	72861			
Gas Rack Office	72886 or 72899			
Dow Dispatcher	708-563-8701			
Buckeye Petroleum Terminal	708-563-6334 or 774-3033			
Ingredion (Security)	708-563-5306 or 563-2400			
NIPSCO(Electric Company)	800-376-7693 or 334-7661			
Canadian National (CN) Railroad Trainmaster or Yardmaster	708-332-3172 or 332-3171			
CN Railroad Emergency Mile 14.25 DOT No. 289-722H	1-800-465-9239			
Kinder Morgan Security (Jay Montgomery)	713-252-9214			
Nicor (Gas Company)	1-888-642-6748			
Univar - Office	708-728-6740			
Teppco Pipeline	708-534-8133			
Westshore Pipeline	800-248-4140			

APPENDIX F: EMERGENCY NOTIFICATION INFORMATION

CRITERIA FOR REPORTING RELEASES

The following scenarios provide the Qualified Individuals with the identity of agencies to be notified in the event that a described release event occurs. The EMERGENCY NOTIFICATION LIST and SPILL RESPONSE NOTIFICATION FORM provided in the Emergency Response Action Plan section of this ERM are be used to document notifications that have been made.

a. Non-reportable quantity (Non-RQ), product release of a hazardous or non-hazardous substance; or nuisance odor product spill, report to:

Argo Terminal Management (Qualified Individuals)
Metropolitan Water Reclamation District of Greater Chicago
Illinois Department of Natural Resources
Customer/Chemtrec

b. Greater than the Reportable Quantity (RQ), 5 gallon or more release of Jet A Fuel from the Midway Pipeline during non-maintenance activities, or any release into waters of illinois:

Argo Terminal Management (Qualified Individuals)
National Response Center (NRC)
Illinois Department of Natural Resources **
Illinois Emergency Management Agency (IEMA)***
Cook County Emergency Management Agency
Local Emergency Planning Committee (LEPC)
Illinois Environmental Protection Agency
Fire Department (select F.D. having jurisdiction at release location)
Bedford Park F.D. (708) 563-4510 6820 S. Archer Rd. Bedford Park
Forestview F.D. (708) 749-1110 7010 W. 46th St. Berwyn
Stickney F.D. (708) 795-6333 6433 W. 43rd St. Berwyn
Chicago F.D. (312) 746-5841 1338 Clinton St. Chicago
Metropolitan Water Reclamation District of Greater Chicago****
US Coast Guard
Federal Emergency Management Agency (FEMA)*****
US Environmental Protection Agency

Notes:

*The Illinois Emergency Management Agency (IEMA) is the Illinois State Emergency Response Commission. IEMA will issue an incident number at the time that an incident is reported.

Written incident follow-up is required to Illinois State Emergency Response Commission. Additionally, a request for the written follow-up is typically made by the Emergency Response Unit of the Illinois Environmental Protection Agency.

**The Cook County Emergency Management Agency is the answering service for the Cook County Emergency Planning Committee. The Cook County Emergency Planning Committee is the Local Emergency Planning Committee until a LEPC is formed and operational.

Incident notification to the Cook County Emergency Management Agency should be made <u>after</u> notification is made to IEMA because the incident number issued by IEMA must be provided to the Cook County Emergency Management Agency.

No written incident follow-up is required to the Cook County Emergency Management Agency.

***Written report (Form RD-116) to be submitted to the Metropolitan Water Reclamation District of Greater Chicago within 5 days of the release.

****Written follow-up report to be submitted.

APPENDIX G: SPILL RESPONSE NOTIFICATION FORM

Initial notification of a Reportable Release or Probable Reportable Release must not be delayed pending collection of all information

Date of Incident: ___ / ___ / _____ Time of Incident: _____ AM / PM Time Called: _____ (Use Emergency Notification Phone List)

Reporters Name: _____ (Last, First, M.I)
Position: _____

Phone Number: (708) 458-1330

Company: Kinder Morgan Liquids Terminals, LLC Organization Type: Corporation Public-for-Hire Bulk Liquid Storage Terminal
Address: 8500 West 68th Street, Argo, Illinois 60501

Were materials discharged? Yes / No Confidential? Yes / No Meeting Federal Obligations to Report : Yes / No

Are you calling for the responsible party? Yes / No (Yes if Kinder Morgan is responsible for the release)

Source and cause of incident:

_____

_____

Address of the Incident: 8500 West 68th Street, Argo, Illinois 60501 Location:

_____

Nearest City: Bedford Park, Illinois Cook County Distance from City: Within City Limits County: Cook Township: Lyons

Source of material released: _____ Capacity of Container: _____ UOM: Gallons / Barrels

Facility Storage Capacity: (b) (7)(F), (b) (3) [redacted] Facility Latitude: (b) (7)(F), (b) (3) [redacted] Facility Longitude: (b) (7)(F), (b) (3) [redacted]

Name of Material Released: _____ Quantity Released: _____ CAS Number: _____

Was Material Discharged in Water: Yes / No IF yes what body of water:

_____

Response Actions Taken:

_____

Number of Injuries: _____ Number of Deaths: _____ Were there Evacuations: Yes / No Was there any Damage: _____

Was the material a hazardous waste: Yes / No (generally no if the material was a customer's product) EPA Waste Code if a Hazardous Waste: _____

Damage is dollars: $ _____ Media affected: Land / Water / Air
What agencies have been called or will be called: NRC / USEPA / USCG / MWRDGC / IEMA / IEPA / Fire Dept / Police Dept / Cook County EMA / FEMA /_____

APPENDIX H: RESPONSE EQUIPMENT LIST AND LOCATION

Due to the physical size and complexity of the Argo Terminal a substantial variety and quantity of tools, equipment and supplies are maintained at the Terminal that would become immediately available in the event of an incident on site. For off-site response, please see the letter from SET regarding their response plans and their equipment. For these reasons it is not practical to list all available equipment in this plan, which is intended to be a short and concise summary of critical information. Major response equipment and the location of the equipment follows:

IDENTIFICATION OF EQUIPMENT AND EQUIPMENT LOCATION

LOCATION: Fire Barn

1. Fire Truck
2. Six spanner wrenches
3. Three hydrant wrenches
4. First aid kit
5. One rubber mallet
6. Two 1 ½" Akron Turbo Jet Nozzles
7. Two 2 ½" Akron Turbo Jet Nozzles
8. One 2 ½" to 1 ½" Akron Tork Lock Connection
9. One 2 ½" Akron Y connection
10. Four 2 ½" foam aerators
11. One 1 ½" X 20' rigid suction hose
12. Fire Hose
    * Twenty 50' lengths 3" hose with 2 ½" NSFT Connections
    * Ten 50' lengths 1 ½" NSFT
13. 1,000 gallons ATC/AFFF 3-6% light water foam concentrate, freeze protected
14. One 500 gpm deluge gun
15. Two 30# carbon dioxide and dry chemical fire extinguishers
16. Five 30 minute air packs
17. Five 60 minute air packs
18. Two Elkhart 350 gpm foam proportioning nozzles with pick up hose
19. Tool box with assorted tools
20. Foam Trailer containing:
    * 1,000 gallons of ATC/AFFF 6-9% light water concentrate
    * Two 30# carbon dioxide and dry chemical fire extinguishers.
21. Portable Deluge Monitor (500 gpm)
22. 2, Portable 1,000 gpm monitors
23. 1, 5 ½" X 20' soft suction hose
24. 16, bunker coats and bunker pants
25. 16, pair of boots
26. 16, helmets
27. 6, Air Operated Pipe Plugs (assorted sizes)

LOCATION: Automated Gasoline Loading Rack Control Building (East Overhead Door)

1. Pontoon Boat
2. One 2 inch stainless steel air operated double diaphragm pump,
    * 200 feet of air supply hose
    * Assorted discharge hoses

LOCATION: Boiler House

1. Assorted absorbent materials
2. Rubber manhole covers

LOCATION: Pollution Control Barn (Terminal Area 2)

1. 2,000 Gallon Vacuum Truck
2. 3,000 Gallon Vacuum Truck
3. Assorted absorbent materials
4. Rubber manhole covers.

LOCATION: Storage Container at Canal Shoreline (North of Pontoon Boat Launch Ramp)

1. 1,000 feet of 6 inch containment boom with 12 inch skirt
2. 250 feet of 4 inch absorbent boom
3. 6 bags of absorbent pads

LOCATION: Throughout the Terminal

1. 125 (approx no.), 30# carbon dioxide and dry powder fire extinguishers

RESPONSE EQUIPMENT INSPECTIONS

Inspection of Kinder Morgan emergency response equipment is scheduled and directed by the Emergency Response Group Leader. The following inspection schedule has been established:

Equipment	Inspection Schedule
Fire Truck (Visual)	Weekly
Diesel Fire Pump	Weekly
Hydrants	Monthly
SCBA Equipment	Monthly
SCBA Cylinders	Weekly
Deluge Systems	Annually*
Eastman Chemical Company Facility	
Union Carbide Corporation Facility	
Automated Gasoline Loading Rack	
Warehouse (Wet System)	
Main Office (Wet System)	
Pressure Test Fire Hoses	Annually
Fire Engine Pumping System	Annually
Laboratory Analysis of Foam Concentrate	Annually**
Fire Truck	
Foam Trailer	
Gasoline Rack	
Fire Extinguishers - Maintenance	Annually**
Fire Extinguishers - Visual	Monthly**

* Performed by contractor scheduled through the Maintenance Department

** Performed by contractor

Inspection of SET emergency response equipment is scheduled and directed by SET. The following inspection schedule has been established:

All trailers/equipment	Weekly
All trucks	Daily by operators Weekly by SET shop mechanics

APPENDIX I: WORST CASE DISCHARGE

Response Zone			
Location Description	**Segment 1**	**Segment 2**	**Argo Terminal**
Main Line	(b) (7)(F), (b) (3) [redacted]		
Mileage			
Product			
River Crossings			
Block Valve Locations			
Tank Farm			
Pumping Stations			

Appendix J Pipeline Site Maps displays the actual pathway of the pipeline and is located in Cook County, Il.

Name & Number Qualified Individual:

Qualified Individual No. 1: Miguel Gutierrez – Terminal Manager
Home Address: (b) (6) [redacted]
Work Address: 8500 West 68th Street, Argo, Illinois 60501
Emergency Phone Numbers: Work: (708) 496-2879 Cell: (b) (6) [redacted]

Qualified Individual No. 2: Hal King – Safety Manager
Home Address: (b) (6) [redacted]
Work Address: 8500 West 68th Street, Argo, Illinois 60501
Emergency Phone Numbers: Work: (708) 496-2841 Cell: (b) (6) [redacted]

Significant and substantial harm: Proximity to sensitive habitat

Petroleum product being transported: Jet Fuel

Method 1 - The worst case discharge for the Midway 14" Pipeline was determined using the criteria outlined in 49 CFR 194.105(b)(1):

Kinder Morgan employs American Innovations' risk analysis software to calculate maximum potential release volume. Complete input data and results are located in the Risk Intelligence Platform (RIPL) database. Pipeline characteristics, flow rates, and elevation profiles are validated annually during the integrity management high consequence area evaluation and risk assessment processes and updated as necessary.

Maximum potential release volume (WCD/LVR) is calculated by adding the initial volume loss and the stabilization loss.

(b) (7)(F), (b) (3) [redacted]

The initial volume loss is the time to isolate (detect, shut down, and close isolation valves) the valve-to-valve section being analyzed, multiplied by the maximum flow rate of product for the section. Isolation time is conservatively estimated as 15 minutes consistent with Kinder Morgan leak detection procedures. These lines have been evaluated in accordance with company procedures, and the isolation time has been verified as less than 15 minutes.

Initial volume loss = isolation time * maximum flow rate

(b) (7)(F), (b) (3) [redacted]

To calculate stabilization loss, RIPL uses the pipe design information (diameter, wall thickness and isolation valve location or section length) along with the elevation profile of the pipeline to determine drain-down volume at each potential release point. The pipeline is segmented by pipe design and elevation changes, and volumes of each segment determined to drain due to elevation profile are added to obtain stabilization loss.

(b) (7)(F), (b) (3) [redacted]

(b) (7)(F), (b) (3) [redacted]

Method 1 - The worst case discharge for the Midway 8" Pipeline was determined using the criteria outlined in 49 CFR 194.105(b)(1):

Kinder Morgan employs American Innovations' risk analysis software to calculate maximum potential release volume. Complete input data and results are located in the Risk Intelligence Platform (RIPL) database. Pipeline characteristics, flow rates, and elevation profiles are validated annually during the integrity management high consequence area evaluation and risk assessment processes and updated as necessary. Maximum potential release volume (WCD/LVR) is calculated by adding the initial volume loss and the stabilization loss.

(b) (7)(F), (b) (3) [redacted]

The initial volume loss is the time to isolate (detect, shut down, and close isolation valves) the valve-to-valve section being analyzed, multiplied by the maximum flow rate of product for the section. Isolation time is conservatively estimated as 15 minutes consistent with Kinder Morgan leak detection procedures. These lines have been evaluated in accordance with company procedures, and the isolation time has been verified as less than 15 minutes.

(b) (7)(F), (b) (3) [redacted]

To calculate stabilization loss, RIPL uses the pipe design information (diameter, wall thickness and isolation valve location or section length) along with the elevation profile of the pipeline to determine drain-down volume at each potential release point. The pipeline is segmented by pipe design and elevation changes, and volumes of each segment determined to drain due to elevation profile are added to obtain stabilization

(b) (7)(F), (b) (3) [redacted]

(b) (7)(F), (b) (3) [redacted]

Method 2 – The largest foreseeable discharge for the Midway 14" Pipeline and the Midway 8" Pipeline, expressed in barrels (cubic meters), based on the maximum historic discharge, if one exists, adjusted for any subsequent corrective or preventive action taken.

Kinder Morgan is not aware of any historical releases for the Midway 14" Pipeline or the Midway 8" Pipeline.

Method 3 If the response zone contains one or more breakout tanks, the capacity of the single largest tank or battery of tanks within a single secondary containment system, adjusted for the capacity or size of the secondary containment system, expressed in barrels (cubic meters).

(b) (7)(F), (b) (3) [redacted]

APPENDIX J: PIPELINE SITE MAPS

(b) (7)(F), (b) (3)

(b) (7)(F), (b) (3)

(b) (7)(F), (b) (3)

(b) (7)(F), (b) (3)

APPENDIX K: OSRO CONTRACT

EMERGENCY RESPONSE AGREEMENT

AGREEMENT NUMBER: 72762

COMMENCES: 03/09/2014

TERMINATES: 03/08/2017

BETWEEN

KINDER MORGAN ENERGY PARTNERS, L.P.

"COMPANY"

AND

SET ENVIRONMENTAL INC.

"SERVICE PROVIDER"

SET Environmental, Inc
450 Sumac Road
Wheeling, Illinois 60090
Ph: 847-537-9221 Fx: 847-537-9265

To Whom It May Concern:

Re: SET Environmental 2014 Oil Spill Response Organization (OSRO) National Preparedness Response Exercise Program (NPREP) Letter

SET Environmental, Inc. (SET) maintains waterway spill response equipment at seven of its service locations to respond to maximum most probably discharge (MMPD), worst case discharge tier 1 (WCD1) and worst case discharge tier 2 (WCD2) scenarios. These locations include Wheeling, IL; Glenwood; IL; Mooresville, IN; St. Louis, MO; Houston, TX; Dallas, TX and Noble, OK. Equipment includes over 40,000 linear feet of 18' containment boom, double barrel drum skimmers, weir skimmers, vacuum trucks, response vessels and additional absorbent material. SET assists in spill exercises, including equipment deployment, at our client's request to satisfy their annual NPREP OSRO response plan requirements in accordance with 33 CFR 154.1055 and 155.1060.

In accordance with 33 CFR 154.1035 SET Environmental commits to provide trained personnel necessary to continue operation of the equipment and staff of the oil spill removal organization and spill management team for the first 7 days of the response.

SET maintains a monthly equipment inventory and inspection of OSRO response equipment. Records of each waterway spill response and spill exercise at our Corporate Headquarters in Wheeling, Illinois and are maintained per the request of the U.S. Coast Guard National Strike Force. The records serve as our official NPREP exercise documentation. In addition to waterway response training, SET personnel receive extensive training in accordance with OSHA, DOT and EPA regulations and company mandated requirements. This includes approximately 50 hours of initial training for new hires and, depending on the position, an additional 20 to 40+ hours of training each year.

If I can be of further assistance, do not hesitate to call.

Regards,

Mike Lanenga
SET Environmental, Inc.
mlanenga@setenv.com
Cell # (b) (6) [redacted]
Office # (847) 850-1075
24-Hour Emergency Response # (877) 437-7455
OSRO Number 245

SET Environmental, Inc
450 Sumac Road
Wheeling, Illinois 60090
Ph: 847-537-9221 Fx: 847-537-9265

Job Descriptions for include job descriptions for each spill management team member within the organizational structure

Safety (154.1035(b)(3)(iii)(C))

-Site Safety Supervisor

- Minimum of five (3) years of experience in environmental remediation / hazardous waste management / construction field including a minimum of three (3) years experience in a supervisory capacity.
- Current Certification as a: Safety Trained Supervisor (STS), Occupational Health and Safety Technologist (OHST), Construction Health and Safety Technologist (CHST) or equivalent certification per approval of safety director.
- Successful completion of 30 hour OSHA Construction Outreach training course or equivalent.
- Demonstrated proficiency in preparation of site specific health & safety plans for SET projects.
- Demonstrated proficiency in preparation job hazard analyses related to SET projects or operations tasks.
- SET EHS Program; review and examination
- Review of all written EHS programs and completion of EHS worksheets.
- Successful completion of EHS written examination

Spill Operations (154.1035(b)(3)(iii)(E))

-Project Manager

- Responsible for field projects from start to completion including assessment of equipment, supplies and paperwork
- Proficient in a variety of environmental services with specializing in a certain area of field work.
- A thorough knowledge of environmental services issues including, but not limited to profiling, manifesting, transportation and disposal
- Reviews technical aspects of project to assist staff and assess productivity
- A thorough knowledge of all federal, state and local laws concerning the operation and scope of the environmental services
- Understanding of uses and troubleshooting techniques for diesel or gasoline powered engines and other basic equipment
- Understands proper PPE required for each project and ensure entire crew complies with requirements.
- Directly work with customers to better service their needs
- Minimum of 5 years field experience
- Obtain and keep current all certifications/licenses required
  - Hazardous Materials (DOT) General Awareness
  - Hazardous Materials (DOT) In Depth Security Training
  - Hazardous Materials (DOT) Safety & Function Specific
  - Drugs and Alcohol Training for Supervisors
  - DOT Medical Surveillance
  - Control of Hazardous Energy (Lockout/Tagout)

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450 Sumac Road
Wheeling, Illinois 60090
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- Hazwoper Uncontrolled Waste Sites Refresher Training
- Hazwoper Uncontrolled Waste Sites
- Personal Protective Equipment (Eye, Head and Hand)
- Fall Protection
- Respiratory Protection
- Respirator Fit Test
- Powered Industrial Trucks (e.g., Forklifts)
- Bloodborne Pathogens
- Electrical Safety (Non-qualified)
- Emergency Action Plans
- Hearing Conservation
- Scafolding Safety
- Portable Fire Extinguishers and Fire Safety
- Excavations, Trenching and Shoreing
- Medical Certification for Respirator Use
- Welding Cutting and Hotwork
- Supervisory OSHA Training
- Medical Surveillance Hazwoper
- Lead Awareness
- Benzene Safety
- Hydrogen Sulfide Safety
- Materials Handling (Rigging, Hoisting and Lifting)
- Process Safety / Job Hazard Analysis
- OSHA 30 Hour Construction Outreach
- Hand and Power Tools
- Aerial Lifts
- Crane Safety Awareness
- Compressed Gas Cylinders
- Radiation Safety Awarenss (NORM)
- Silica Safety Awareness
- Stairways and Ladders
- Hot Work Permit
- First Aid & CPR with AED Certified
- Hazard Communication - Global Harmonization System (GHS)
- SET Safety Orientation
- SET Project Manager Safety

-Project Supervisor

- Exercise basic management concepts and principles including delegation and motivation while running medium to large scale projects
- A thorough knowledge of environmental services issues including, but not limited to profiling, manifesting, transportation and disposal
- Reviews technical aspects of project to assist staff and assess productivity
- Understanding of uses and troubleshooting techniques for diesel or gasoline powered engines and other basic equipment
- Understands proper PPE required for each project and ensure entire crew complies with requirements
- Have a thorough knowledge of service related equipment, materials and terminologies
- Minimum of 3 years field experience
- Obtain and keep current all certifications/licenses required

- Hazardous Materials (DOT) General Awareness
- Hazardous Materials (DOT) In Depth Security Training
- Hazardous Materials (DOT) Safety & Function Specific
- Hazwoper Uncontrolled Waste Sites Refresher Training
- Hazwoper Uncontrolled Waste Sites
- Control of Hazardous Energy (Lockout/Tagout)
- Powered Industrial Trucks (e.g., Forklifts)
- Respiratory Protection
- Personal Protective Equipment (Eye, Head and Hand)
- Fall Protection
- Bloodborne Pathogens
- Respirator Fit Test
- Emergency Action Plans
- Hearing Conservation
- Electrical Safety (Non-qualified)

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Wheeling, Illinois 60090
Ph: 847-537-9221 Fx: 847-537-9265

- Portable Fire Extinguishers and Fire Safety
- Excavations, Trenching and Shoreing
- Medical Certification for Respirator Use
- Welding Cutting and Hotwork
- Supervisory OSHA Training
- Medical Surveillance Hazwoper
- Hand and Power Tools
- Benzene Safety
- Hydrogen Sulfide Safety
- Hazard Communication - Global Harmonization System (GHS)
- Process Safety / Job Hazard Analysis
- OSHA 10 hour Construction
- First Aid & CPR with AED Certified
- SET Safety Orientation
- SET Short Service Employee Qualification

-Project Foreman

- Exercise basic management concepts and principles including delegation and motivation while running small scale projects
- Individual will assist SET crews with various projects such as: clean up and removal of toxic and/or acutely hazardous chemical spills and confined-space entry work
- Knowledge of environmental services issues including, but not limited to profiling, manifesting, transportation and disposal
- Basic understanding of uses and troubleshooting techniques for diesel or gasoline powered engines and other basic equipment
- Understands proper PPE required for each project and ensure entire crew complies with requirements
- Have a thorough knowledge of service related equipment, materials and terminologies
- Minimum of 3 years field experience
- Obtain and keep current all certifications/licenses required
  - Hazardous Materials (DOT) General Awareness
  - Hazardous Materials (DOT) In Depth Security Training
  - Hazardous Materials (DOT) Safety & Function Specific
  - Hazwoper Uncontrolled Waste Sites Refresher Training
  - Hazwoper Uncontrolled Waste Sites
  - Control of Hazardous Energy (Lockout/Tagout)
  - Powered Industrial Trucks (e.g., Forklifts)
  - Respiratory Protection
  - Personal Protective Equipment (Eye, Head and Hand)
  - Fall Protection
  - Bloodborne Pathogens
  - Respirator Fit Test
  - Emergency Action Plans
  - Hearing Conservation
  - Electrical Safety (Non-qualified)
  - Portable Fire Extinguishers and Fire Safety
  - Hazard Communication - Global Harmonization System (GHS)
  - Medical Certification for Respirator Use
  - Medical Surveillance Hazwoper
  - SET Safety Orientation
  - OSHA 10 hour Construction

-Technician

- Individual will assist SET crews with various projects such as: clean up and removal of toxic and/or acutely hazardous chemical spills and confined-space entry work.

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- Position involves lifting and loading pumps and a variety of other equipment.
- Individual will use an assortment of hand tools i.e., shovels, jackhammers and heavy duty scrapers
- Must be able to manipulate a 55-gallon drum.
- Will perform other miscellaneous duties as necessary.
- Obtain and keep current all certifications/licenses required.
  - Hazardous Materials (DOT) General Awareness
  - Hazardous Materials (DOT) In Depth Security Training
  - Hazardous Materials (DOT) Safety & Function Specific
  - Hazwoper Uncontrolled Waste Sites Refresher Training
  - Hazwoper Uncontrolled Waste Sites
  - Control of Hazardous Energy (Lockout/Tagout)
  - Powered Industrial Trucks (e.g., Forklifts)
  - Respiratory Protection
  - Personal Protective Equipment (Eye, Head and Hand)
  - Fall Protection
  - Bloodborne Pathogens
  - Respirator Fit Test
  - Emergency Action Plans
  - Hearing Conservation
  - Electrical Safety (Non-qualified)
  - Portable Fire Extinguishers and Fire Safety
  - Hazard Communication - Global Harmonization System (GHS)
  - Medical Certification for Respirator Use
  - Medical Surveillance Hazwoper
  - SET Safety Orientation
  - Short Service Employee Qualification

SET Environmental, Inc

Attachment A
Emergency Response Services / Specialty Field Services
Compressed Gas Cylinder Services
Customized Waste Management

Kinder Morgan PREFERRED/ER Billing Schedule-2014

Project Personnel	ER Work (per/hr)
Site Administration	$52.50 / hour
Hazmat Technician	$72.00 / hour
Transportation/Disposal Coordinator	$72.00 / hour
Driver	$67.50 / hour
Chemist	$87.00 / hour
Project Foreman	$75.00 / hour
Site Safety Officer	$78.00 / hour
Site Supervisor	$97.50 / hour
Equipment Operator	$82.00 / hour
Project Manager	$85.50 / hour
Gas Cylinder Specialist	$112.50 / hour
Chemical Engineer P.E.	$180.00 / hour
Senior Gas Cylinder Specialist	$202.50 / hour

- Time is charged in ¼ hour increments

Trucks	Rate / Unit
Truck, Pickup	$147.00 / shift
Truck, Stakebed	$173.25 / shift
Truck, Service Vehicle	$105.00 / shift
*Truck, Box (12' or 24')	$262.50 / shift
*Truck, Semi with Van Trailer	$60.50 / hour
*Truck, 3,000-Gallon Liquid Vacuum	$60.50 / hour
*Truck, Super Sucker	$143.00 / hour
*Truck, 5,000-Gallon Vacuum Tanker	$60.50 / hour
*Truck, Semi with Roll-off Trailer	$50.00 / hour

*Please add the Driver rate to the hourly truck charges
NOTE: Tanker decontamination charge may be applicable

Trailers & Pull Behind	Rate / Unit
Trailer, Equipment	$185.00 / shift
Trailer, Heavy Duty Flatbed	$40.00 / shift
Trailer, Tow behind Tanker (1000 Gallon)	$150.00 / shift
Trailer, Hurricane Vec Loader	$935.00 / shift
Trailer, High Hazard- Level A/B	$250.00 / shift
Mobile Command Center	$150.00 / shift
Air Compressor, 185cfm	$214.50 / shift
Light Tower	$214.50 / shift
Generator, 70 KV	$385.00 / shift
Pump, Pit Hog Hydraulic	$302.50 / shift
Pressure Washer, Trailer Mount 3,000 psi	$275.00 / shift
Road Message Arrow Board-trailer	$96.80 / shift

Hoses & Pumps	Rate/Unit
Hose, Air, 50', for Breathing	$20.00 / shift
Hose, Air, compressor	$10.00 / shift
Hose, Air Mover (Flex Hose)	$2.00 / foot
Hose, Chemical, 20' Sections	$25.00 / shift
Hose, Discharge (Soft), 2" x 50'	$15.00 / shift
Hose, Pressure Washer, 50' Sections	$10.00 / shift
Hose, Suction, 20' Suction	$15.00 / shift
Pump, Aluminum Double Diaphragm	$150.00 / shift
Pump, Stainless Steel Double Diaphragm	$250.00 / shift
Pump, Poly Double Diaphragm	$250.00 / shift
Pump, Submersible (>2")	$95.00 / shift
Pump, Electric	$60.00 / shift
Pump, Electric Drum	$75.00 / shift
Pump, Trash	$82.50 / shift
Pump, Barrel (Disposable)	$30.00 / shift

Equipment	Rate/Unit
Barricade ("Horse")	$5.00 / shift
Blower, Electric, IS rated	$55.00 / shift
Box Rental, Dewatering (plus delivery charge)	$55.00 / day
Box Rental, Vacuum (plus delivery charge)	$55.00 / day
Box Liner, Vacuum	$450.00 / each
Box Rental, Roll off (plus delivery charge)	$15.00 / day
Box Liner, Roll off	$45.00 / liner
Chain Saw	$82.50 / shift
Chest Waders w/Suspenders	$25.00 / shift
Cold Tapping Equipment	$150.00 / shift
Confined Space Entry Equipment, Side Entry	$90.00 / shift
Confined Space Entry Equipment, Silo Entry	$300.00 / shift
Confined Space Entry Equipment, Top Entry	$150.00 / shift
Cylinder Sampling Manifold (w/ Vacuum Pump)	$150.00 / shift
Cylinder, Unknown Sample Cylinders	$50.00 / each
Cylinder, Salvage Vessel	case by case
Cylinder, Low Pressure Recovery Vessel	case by case
Frac Tank Rental (plus delivery charge)	$55.00 / day
Generator, <6.5 KW	$93.50 / shift
Generator, 50KV (8 hours use)	$247.50 / shift
Hudson Sprayer	$10.00 / shift
Jack Hammer (50 lbs.)	$75.00 / shift
Lights, on Portable Stands	$25.00 / shift
Mini – Excavator	$412.50 / shift
Mini-Excavator Breaker Attachment	$185.00 / shift
Negative Air Machine	$80.00 / shift
Plasma Cutter	$125.00 / shift
Portable Ventilation Fan	$55.00 / shift
Pressure Washer Portable Hotsy	$275.00 / shift
Radio, Portable, 2 Channel Hand-held	$25.00 / shift
Radio, Portable, Intrinsically Safe	$75.00 / shift
Remote Tank Cleaning System (Spinner Head)	$1,089.00 / shift
Road Closure Sign (Large on stand)	$20.00 / shift
Saw, Circular or Reciprocating (w/o blades)	$60.00 / shift
Saw, Gas Powered Cut Off (without blades)	$82.50 / shift
Skid Steer	$324.50 / shift
Skid Steer Sweeper Attachment	$150.00 / shift
Skid Steer Breaker Attachment	$185.00 / shift
Skid Steer(Track)	$434.50 / shift
Spill guard Secondary Containment	$35.00 / shift
Subsurface Core Sampler (Stainless Steel)	$25.00 / shift
Subsurface Sample Tubes	$12.00 / each
Sod Cutter	$80.00 / shift
Spark Proof Tools	$100.00 / shift
Torch (Oxy-Acetylene)	$100.00 / shift
Vacuum (Mercury)	$150.00 / shift
Vacuum (Electric)	$40.00 / shift
Vacuum (Electric Drum)	$75.00 / shift
Vacuum (Pneumatic Drum)	$80.00 / shift
Weed Eater/ Brush Cutter	$35.00 / shift

Materials	Rate/Unit
Absorbent Boom (10' section, 8" diameter)	$140.00 / bale
Absorbent Boom (10' section, 5" diameter)	$115.00 / bale
Absorbent Pads (oil or universal)	$75.00 / bale
Excelsior Blanket	$95.00 / roll
Grass Seed (25 pound bag)	$15.00 / bag
Lint free Rags	$70.00 / box
Nitrogen Cylinder	$25.00 / each
Oil Pickup Absorbent (25 lb. Bag)	$12.00 / bag
Poly Sheeting, 6 ml 20' x 100'	$85.00 / roll
Poly sheeting, Reinforced	$140.00 / roll
Rags, Standard	$30.00 / box
Vermiculite (4 cubic feet)	$45.00 / bag

Waste Disposal	Rate/Unit
Waste Disposal Rates	Case-by-Case

-With approval from a Representative from Kinder Morgan or Kinder Morgan Affiliate.

*Fuel surcharge has been included to rates for all equipment and vehicles that utilize fuel to operate.

SET Environmental, Inc

Attachment A
Emergency Response Services / Specialty Field Services
Compressed Gas Cylinder Services
Customized Waste Management

Kinder Morgan PREFERRED/ER Billing Schedule-2014

Testing and Analysis Equipment	Rate/Unit
Chlor-N-oil PCB Test Kit	$15.00 / shift
Benzene Meter	$90.00 / shift
Draeger Testing Unit	$25.00 / shift
Radiation Survey Meter	$50.00 / shift
HAZ-CAT Identification / classification	$50.00 / test
4 Gas Meter (LEL/O2/CO/H2S)	$95.00 / shift
Lumex Mercury Vapor Analyzer	$250.00 / shift
Infra-Red Heat Sensor	$45.00 / shift
PH Meter	$40.00 / shift
Photo-Ionization Detector (Hnu or Microtip)	$90.00 / shift
Pump, Air (Bendix, Draeger)	$20.00 / shift
Tubes, Draeger or Bendix	$12.00 / shift
Unknown Chemical Identification (Standard)	$350.00 / shift
Unknown Chemical Identification (ER)	$500.00 / each
Anthrax/Biological Agent Testing	$1,500 / panel

Surfactants	Rate/Unit
Alconox, Non Phosphonated Solution	$38.00 / each
Biosolve Hydrocarbon Emulsification	$40.00 / each
Bio-Decon Agent (CSI-1)	$50.00 / gallon
Citric Acid (50 Pound Bag)	$150.00 / bag
CSI-1 (Biological Decontamination Surfactant)	$50.00 / gallon
D-Limonene	$55.00 / gallon
HD 2,000	$16.00 / gallon
HMCS-100	$50.00 / gallon
LEL Vapor suppressant (SCS-100)	$50.00 / gallon
Less Than 10 (PCB Soap)	$45.00 / gallon
Lime (50 Pound Bag)	$50.00 / bag
Mercury Soap HGCS-102	$50.00 / gallon
Metal X	$50.00 / gallon
Microblaze Hydrocarbon Emulsification Agent	$45.00 / gallon
Mercury Soap	$50.00 / gallon
Mold Soap	$50.00 / gallon
Petroclean Hydrocarbon Emulsification Agent	$45.00 / gallon
SET 965 Cleaning Solution	$35.00 / gallon
Simple Green	$25.00 / gallon
Soda Ash (50 Pound Bag)	$55.00 / bag
Sodium Bicarbonate (50 Pound Bag)	$75.00 / bag
Sodium Hypochlorite	$9.00 / gallon
Mercaptolite	$45.00 / gallon

Containers	Rate/Unit
Box, Cubic Yard	$140.00 / each
Box, DOT (Sample shipment containers)	$25.00 / each
Box, Poison Inhalation	$35.00 / each
Box, Bulb 4' or 8'	$20.00 / each
Drum Liners (6 mL)	$2.00 / each
Drums, 5 Gallon, Poly (OH)	$10.00 / each
Drums, 5 Gallon, Steel X Class	$29.00 / each
Drums, 14 Gallon, Poly (OH)	$40.00 / each
Drums, 30 Gallon, Poly	$45.00 / each
Drums, 30 Gallon, Steel	$79.00 /each
Drums, 55 Gallon, Poly	$55.00 / each
Drums, 55 Gallon, Steel	$45.00 / each
Drums, 55 Gallon, Steel (OH) with 25 mil liner	$90.00 / each
Drums, 95 Gallon, Poly Overpack	$195.00 / each
Drums, 85 Gallon, Steel Overpack	$180.00 / each
Poly Tote, 275 Gallon	$195.00 / each
Super Sack	$70.00 / each

Confined Space Rescue Package

Package includes SCBA, 4 gas meter, SKED, tag line, tripod, PPE and medical bag (service vehicle/trailer not incl)	$275.00/shift
2 Man CSE Rescue Team	$210.00/hour

Personal Protective Equipment Per Person	Rate
Level D Modified with tyvek	$50.00
Level D Modified with poly coated Tyvek	$65.00
Level C	$100.00
Level C with Acid Suits or Saranex	$150.00
Level B with Saranex Suit	$185.00
Level B with acid suit	$285.00
Level A	$850.00
Turn Out Gear	$150.00
Aluminized Kevlar Suit w/Flak Jacket per day	$200.00
Nomex Coveralls	$35.00

NOTE:
1.The quoted rates include up to three personal protective clothing change outs (inner nitrile and outer chemical gloves, suit, latex booties and one pair of cartridges, or 50' of airline). Additional PPE will be billed per the rate sheet.
2. For Level A, the fee represents only one change out. Re-use of the disposal suits is not permitted.

Additional PPE	Rate/Unit
Booties, Latex (pair)	$5.00 / pair
Boots, Haz Mat Beta	$105.00 / pair
Boots PVC Overboots	$25.00 / pair
Cartridge, Survivair, Mercury P-100	$55.00 / pair
Cartridge, Survivair - Combination	$20.00 / pair
Gloves, Chem master (neoprene)	$5.00 / pair
Gloves, Jersey	$2.50 / pair
Gloves, Leather	$2.50 / pair
Gloves, Kevlar	$8.00 / pair
Gloves, N-Dex (Nitrile Inner)	$15.00 / box
Gloves, Latex or Nitrile (outer)	$3.50 / pair
Gloves, Silver Shield (4-H)	$10.00 / pair
Gloves, PVC	$5.50 / pair
Suits, FR Paper	$15.00 / each
Suits, FR Coated	$35.00 / each
Suits, Rain, 2-Piece PVC	$25.00 / each
Suits, Saranex	$35.00 / each
Suits, River City Acid	$40.00 / each
Suits, Tyvek	$10.00 / each
Suits, Tyvek (Poly coated)	$15.00 / each
SCBA, 45 Minute Complete Unit	$120.00 / shift
SCBA, 5 or 10 Minute Escape Unit	$70.00 / shift
Breathing Air Bottles, 45 Minutes	$15.00 / shift
Breathing Air Cylinder (300cf)	$75.00 / each

Water Response	Rate/Unit
Absorbent Boom (10' section, 8" diameter)	$140.00 / bale
Absorbent Boom (10' section, 5" diameter)	$115.00 / bale
Absorbent Roll (38" x 100 feet)	$175.00 / roll
Absorbent Sweep (19" x 100 feet)	$95.00 / Bale
Boat, 2 Man With Motor (10-12 feet)	$132.00 / shift
Boat, 3 Man With Motor (12-16 feet)	$385.00 / shift
Boat, 3 Man With Motor (16-20 feet)	$522.50 / shift
Boom, Skirted Containment 10-inch	$1.50/foot/shift
Boom, Skirted Containment 18-inch	$2.00/foot/shift
Boom, Skirted Containment 24-inch	$3.00/foot/shift
Kit, Boom Anchor 22 lb	$35.00 /shift
Life Vest, ANSI rated	$14.00 /shift
Skimmer, Double Drum	$550.00 /shift
Skimmer, 36 inch aluminum	$150.00 /shift
Skimmer, Weir	$175.00 /shift
Snare, Oil (on a 50' line)	$120.00 / bale
Sweep, Oil (50 foot section)	$95.00 / bale

APPENDIX L: ENVIRONMENTALLY AND ECONOMICALLY SENSITIVE AREA MAPS

MAP LEGEND

SENSITIVE SPECIES

Aquatic/Riparian Zone
- Plant
- Bird
- Amphibian and/or Reptile
- Mammal
- Invertebrate
- Fish
- Natural Community

Terrestrial Zone
- Plant
- Bird
- Amphibian and/or Reptile
- Mammal
- Invertebrate
- Natural Community

Multiple Species Grouping

Icon Indicating Threatened or Endangered Status

NATURAL RESOURCE AREAS

- F Federal Managed Area
- S State Managed Area
- R Regional Managed Area
- P Private Managed Area
- O Other Environmentally Sensitive Aquatic Area
- O Other Environmentally Sensitive Terrestrial Area
- Sole Source Aquifers
- T Tribal Land

- F Federal Designated Area
- S State Designated Area
- R Regional Designated Area
- P Private Designated Area
- Trout Stream

OTHER SENSITIVE RESOURCES

- Marina
- Navigational Lock or Dam
- Water Intake (nonpotable)
- Water Intake (potable)

SHORELINE SENSITIVITY

- Low Sensitivity
- Low-Medium Sensitivity
- Medium-High Sensitivity
- High Sensitivity

POTENTIAL SPILL SOURCES

- Fixed Oil Storage Facility
- Marine Transfer Facility and/or Facility with more than 1 million gallons
- Hazardous Materials Site
- Pipeline

RESPONSE STRATEGIES

- Containment Site
- Diversion Site
- Exclusion Site
- Other Site
- BC Boom Cache
- Outfall Site

RESPONSE CONSIDERATIONS

- A Boat Access
- D Non-navigational Dam
- H Historic Site (Data only, not shown on maps)

BOUNDARY DESIGNATIONS

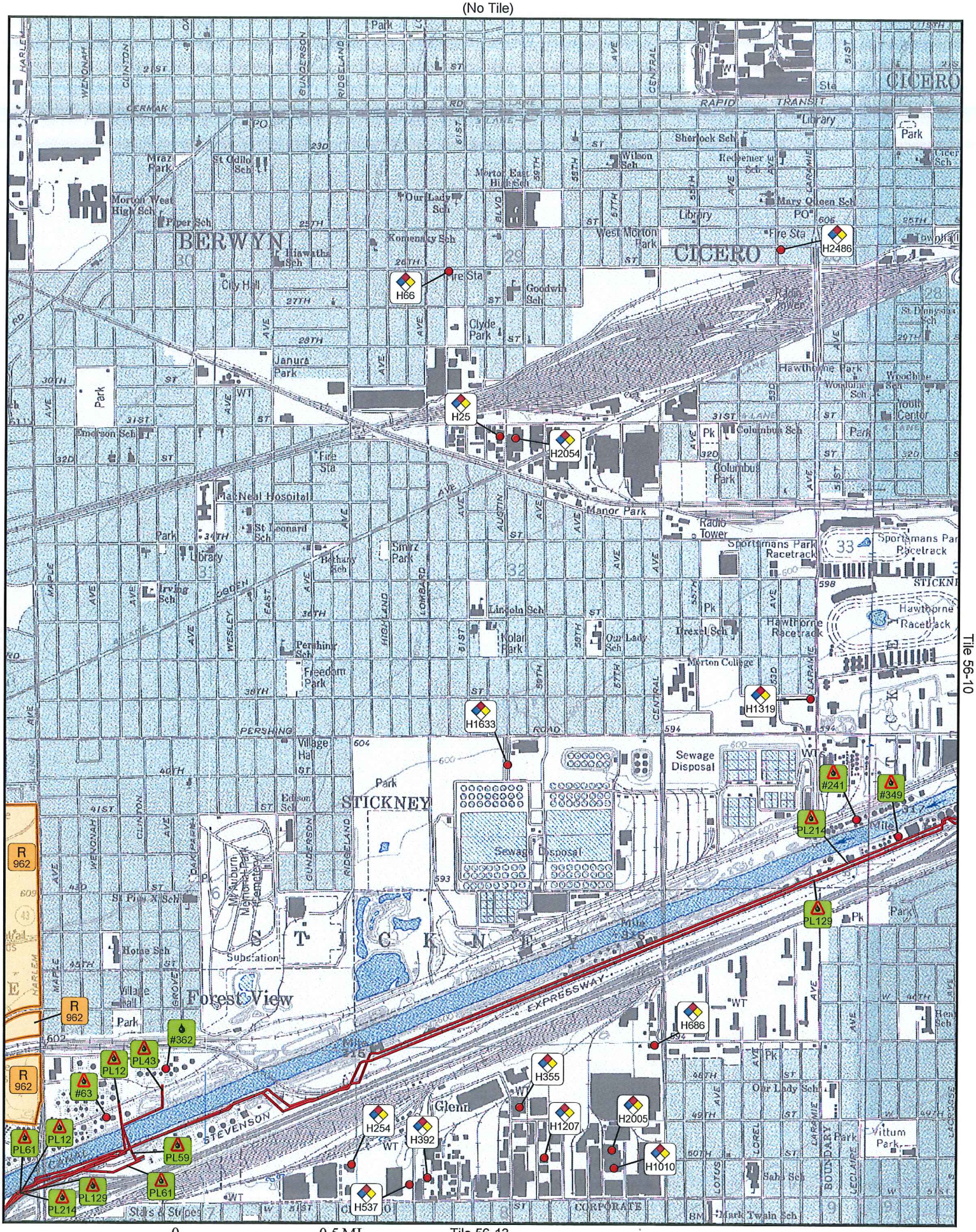
- County Boundary
- EPA/Coast Guard Jurisdictional Boundary
- Pipeline Inset Boundary

(b) (7)(F), (b) (3)

(No Tile)

Tile 55-12

Tile 56-10


CICERO
BERWYN
STICKNEY
Forest View
Glenn
H66
H2486
H25
H2054
H1319
H1633
H686
H355
H1207
H2005
H1010
H392
H254
H537
#241
#349
PL214
PL129
#362
PL43
PL12
#63
PL61
PL59
R 962
EXPRESSWAY
STEVENSON
Sewage Disposal
Sportsmans Park Racetrack
Hawthorne Racetrack
Morton College
Radio Tower
Manor Park
Janura Park
Clyde Park
Columbus Park
Hawthorne Park
Freedom Park
Kolar Park
Pershing Sch
Lincoln Sch
Drexel Sch
Our Lady Sch
Mary Queen Sch
Sherlock Sch
Wilson Sch
Redeemer Sch
Morton East High Sch
Morton West High Sch
Piper Sch
Komensky Sch
Hiawatha Sch
Goodwin Sch
Emerson Sch
Columbus Sch
Bethany Sch
Irving Sch
St Leonard Sch
St Odilo Sch
Mraz Park
Smrz Park
Edison Sch
Horne Sch
Vittum Park
Mark Twain Sch
Stars & Stripes
Village Hall
Fire Sta
Library
City Hall
MacNeal Hospital
Substation
Mt Auburn Memorial Park Cemetery
Mile 9.5
Mile 9.6
Mile 9.7
Mile 9.8
Mile 9.9
Mile 10.0
Mile 10.1
Mile 10.2
Mile 10.3
Mile 10.4
Mile 10.5
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Mile 10.7
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Mile 11.2
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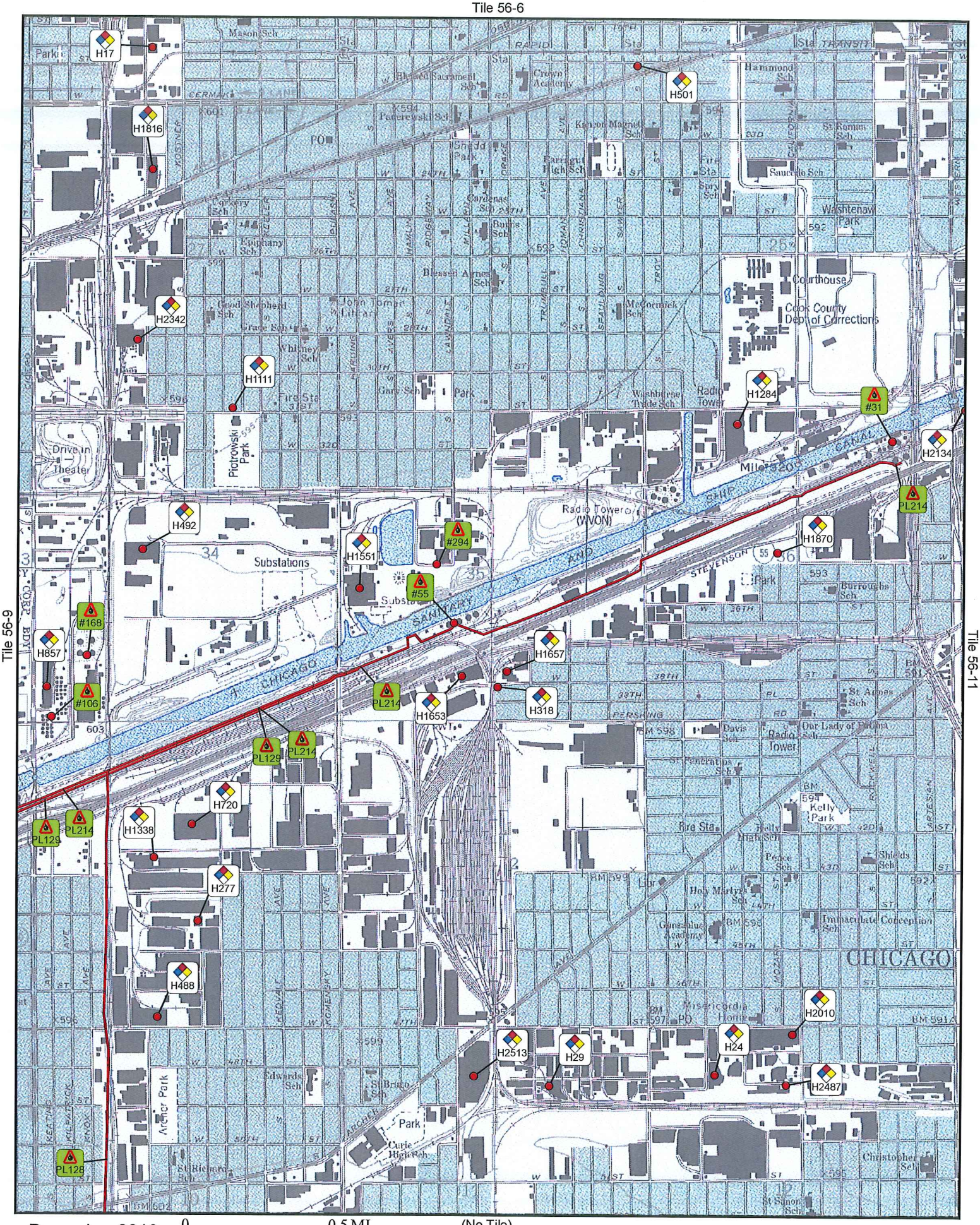
Mile 11.4
Mile

Tile 56-6

Tile 56-9

Tile 56-11



December 2010

Scale 1:25,000

0 0.5 MI

0 1 KM

(No Tile)

Legend Table Help

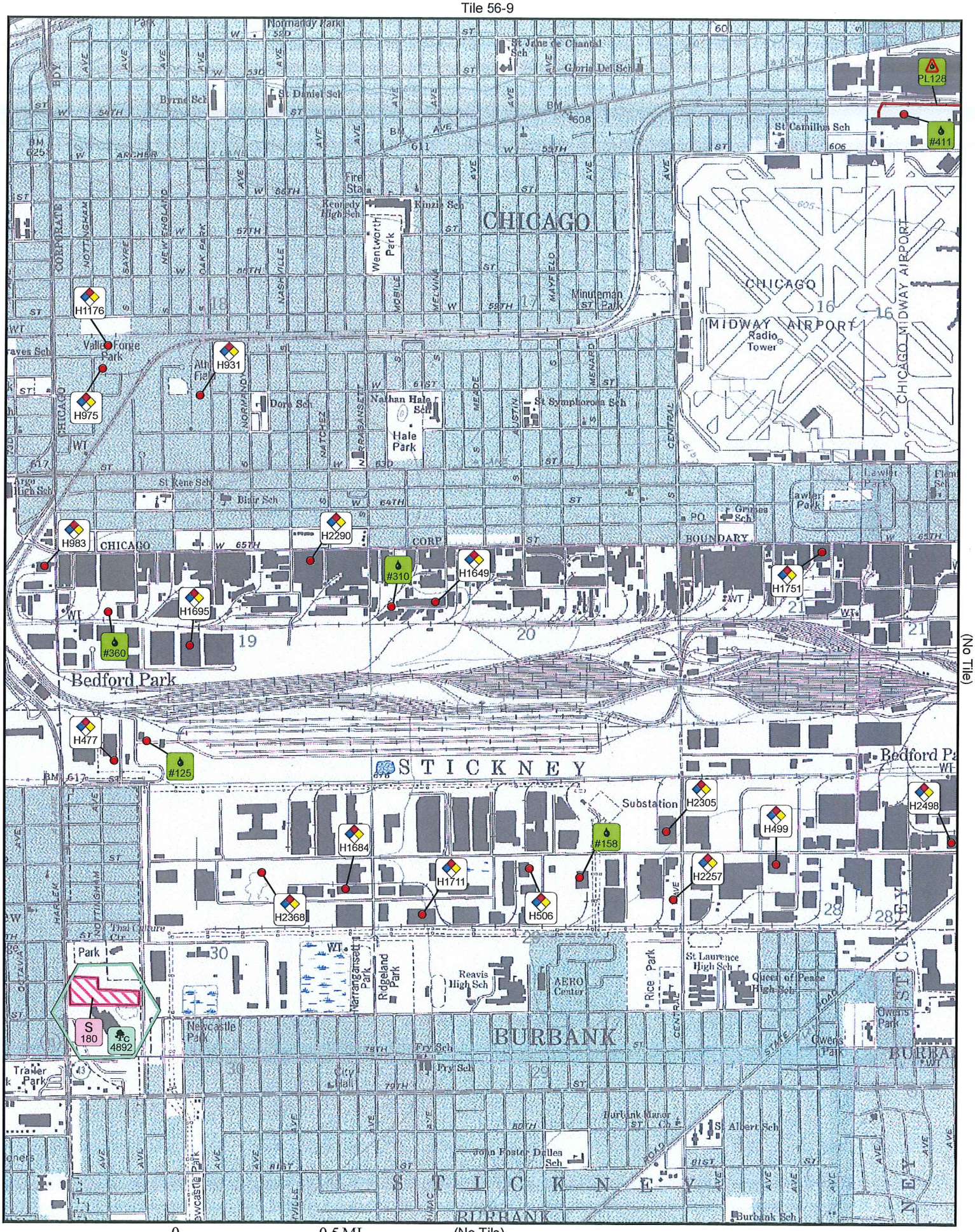
Illinois

Inset 56-10

Tile 56-9

Tile 55-16

(No Tile)



December 2010

Scale 1:25,000

0 0.5 MI

0 1 KM

(No Tile)

Legend Table Help

Illinois

Inset 56-13

Ilinois Atlas - Map 55

Sensitive Species

For a complete listing of species groupings, refer to Appendix B

Listing	Contact Name	Contact Phone	Emergency Phone
Federal	**U.S. Fish and Wildlife Service**	309-757-5800 x206 Rock Island Field Office	612-725-3548 Twin Cities Ecological Field Office
State	**Illinois Department of Natural Resources**	217-782-2685 Program Manager	217-782-7860 IL Office of Emergency Response

2008 Illinois Natural Heritage Data provided by the Illinois Department of Natural Resources. To simplify the maps, rare species and most natural communities are represented at "point locations". As such, the hexagons DO NOT represent the full extent of any species or community occurance. In particular, it should be assumed that mobile species likely occur throughout suitable habitat in the vacinity of the point representation.

Managed Areas

Icon	Managed Area Name	Managing Agency	Waterbody	Comments	Contact Phone	Emergency Phone
R109	**Broadview Slough** County Forest Preserve	Forest Preserve District of DuPage County	unnamed pond	Jointly owned with Lombard Park District	630-933-7200; 630-627-1281	**630-407-2400 (Co. Sheriff)**
R115	**Brush Hill** County Forest Preserve	Forest Preserve District of DuPage County	unnamed lake		630-933-7200	**630-407-2400 (Co. Sheriff)**
R186	**Churchill Woods** County Forest Preserve	Forest Preserve District of DuPage County	unnamed lake		630-933-7200	**630-407-2400 (Co. Sheriff)**
R226	**Cricket Creek** County Forest Preserve	Forest Preserve District of DuPage County	Salt Creek, unnamed pond		630-933-7200	**630-407-2400 (Co. Sheriff)**
R294	**East Branch** County Forest Preserve	Forest Preserve District of DuPage County	DuPage River, E. Branch; Rush Lake; unnamed lakes		630-933-7200	**630-407-2400 (Co. Sheriff)**
R295	**East Branch Riverway** County Forest Preserve	Forest Preserve District of DuPage County	DuPage River, E. Branch; unnamed ponds		630-933-7200	**630-407-2400 (Co. Sheriff)**

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Managed Areas

Icon	Managed Area Name	Managing Agency	Waterbody	Comments	Contact Phone	Emergency Phone
R337	**Fischer Woods** County Forest Preserve	Forest Preserve District of DuPage County	n/a		630-933-7200	**630-407-2400 (Co. Sheriff)**
R354	**Fox Hollow** County Forest Preserve	Forest Preserve District of DuPage County	n/a		630-933-7200	**630-407-2400 (Co. Sheriff)**
R376	**Fullersburg Woods** County Forest Preserve	Forest Preserve District of DuPage County	Salt Creek		630-933-7200	**630-407-2400 (Co. Sheriff)**
R377	**Fullerton Park** County Forest Preserve	Forest Preserve District of DuPage County	unnamed ponds		630-933-7200	**630-407-2400 (Co. Sheriff)**
R401	**Glen Oak** County Forest Preserve	Forest Preserve District of DuPage County	n/a		630-933-7200	**630-407-2400 (Co. Sheriff)**
R424	**Green Meadows** County Forest Preserve	Forest Preserve District of DuPage County	n/a	9-hole golf course	630-933-7200; 630-810-5330	**630-407-2400 (Co. Sheriff)**
R486	**Hidden Lake** County Forest Preserve	Forest Preserve District of DuPage County	DuPage River, E. Branch; unnamed lakes		630-933-7200	**630-407-2400 (Co. Sheriff)**
R523	**Indian Boundary Division** County Forest Preserve	Forest Preserve District of Cook County	Des Plaines River, several lakes and ponds		708-771-1180	**708-771-1001**
R676	**Lyman Woods** County Forest Preserve	Forest Preserve District of DuPage County	Lacey Creek	Jointly owned with the Downers Grove Park District	630-933-7200; 630-963-1304	**630-407-2400 (Co. Sheriff)**
R691	**Maple Grove** County Forest Preserve	Forest Preserve District of DuPage County	n/a		630-933-7200	**630-407-2400 (Co. Sheriff)**

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Managed Areas

Icon	Managed Area Name	Managing Agency	Waterbody	Comments	Contact Phone	Emergency Phone
R693	**Maple Meadows** County Forest Preserve	Forest Preserve District of DuPage County	n/a	27-hole golf course	630-933-7200; 630-616-8424	**630-407-2400 (Co. Sheriff)**
R714	**Mayslake** County Forest Preserve	Forest Preserve District of DuPage County	unnamed lake		630-933-7200	**630-407-2400 (Co. Sheriff)**
R806	**Oak Grove** County Forest Preserve	Forest Preserve District of DuPage County	n/a	Jointly owned with Burr Ridge Park District	630-933-7200; 630-920-1969	**630-407-2400 (Co. Sheriff)**
R807	**Oak Meadows** County Forest Preserve	Forest Preserve District of DuPage County	Salt Creek		630-933-7200; 630-595-0071	**630-407-2400 (Co. Sheriff)**
R833	**Palos** County Forest Preserve	Forest Preserve District of Cook County	Tampier, Saganashkee, & Longjohn Sloughs; Calumet Sag & Chicago Sanitary and Ship Canals; many lakes		708-771-1180	**708-771-1001**
R962	**Salt Creek Division** County Forest Preserve	Forest Preserve District of Cook County	Des Plaines River, Salt Creek, several lakes and ponds		708-771-1180	**708-771-1001**
R963	**Salt Creek Greenway** County Forest Preserve	Forest Preserve District of DuPage County	Salt Creek		630-933-7200	**630-407-2400 (Co. Sheriff)**
R964	**Salt Creek Marsh** County Forest Preserve	Forest Preserve District of DuPage County	Salt Creek		630-933-7200	**630-407-2400 (Co. Sheriff)**
R965	**Salt Creek Park** County Forest Preserve	Forest Preserve District of DuPage County	Salt Creek		630-933-7200	**630-407-2400 (Co. Sheriff)**
R1016	**Silver Creek** County Conservation Area	McHenry County Conservation District	Fox River		815-338-6223	**815-338-6223; 815-338-2144**

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Managed Areas

Icon	Managed Area Name	Managing Agency	Waterbody	Comments	Contact Phone	Emergency Phone
R1027	**Songbird Slough** County Forest Preserve	Forest Preserve District of DuPage County	Spring Brook		630-933-7200	**630-407-2400 (Co. Sheriff)**
R1072	**Swift Prairie** County Forest Preserve	Forest Preserve District of DuPage County	unnamed ponds		630-933-7200	**630-407-2400 (Co. Sheriff)**
S1208	**Wolf Road Prairie** State Natural Area	IL Department of Natural Resources	n/a	c/o Silver Springs State Park	733-646-3270	**800-782-7860; 217-782-7860**
R1209	**Wood Dale Grove** County Forest Preserve	Forest Preserve District of DuPage County	unnamed pond		630-933-7200	**630-407-2400 (Co. Sheriff)**
R1216	**York / High Ridge** County Forest Preserve	Forest Preserve District of DuPage County	n/a		630-933-7200	**630-407-2400 (Co. Sheriff)**
R1217	**York Woods** County Forest Preserve	Forest Preserve District of DuPage County	Salt Creek		630-933-7200	**630-407-2400 (Co. Sheriff)**

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Special Designated Areas

Icon	Designated Area Name	Designating Agency	Waterbody	Comments	Contact Phone	Emergency Phone
S184	**Brookfield Prairie** Specific Habitat	IL Nature Preserves Commission	Des Plaines River, Salt Creek		217-785-8686	**800-782-7860; 217-782-7860**
S334	**Churchill Prairie** Specific Habitat	IL Nature Preserves Commission	n/a		217-785-8686	**800-782-7860; 217-782-7860**
S333	**Churchill Prairie** Nature Preserve	IL Nature Preserves Commission, FPD of DuPage County	n/a		217-785-8686; 708-790-4900	**800-782-7860; 217-782-7860**
S563	**Fischer Woods** Specific Habitat	IL Nature Preserves Commission	n/a		217-785-8686	**800-782-7860; 217-782-7860**
S614	**Fullersburg Woods Nature Center** Specific Habitat	IL Nature Preserves Commission	Salt Creek		217-785-8686	**800-782-7860; 217-782-7860**
S770	**Hinsdale Prairie** Specific Habitat	IL Nature Preserves Commission	n/a		217-785-8686	**800-782-7860; 217-782-7860**
S1049	**Lyman Woods** Specific Habitat	IL Nature Preserves Commission	Lacey Creek		217-785-8686	**800-782-7860; 217-782-7860**

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Special Designated Areas

Icon	Designated Area Name	Designating Agency	Waterbody	Comments	Contact Phone	Emergency Phone
S1075	**Maple Grove Forest Preserve** HQ Natural Community, Specific Habitat	IL Nature Preserves Commission	n/a		217-785-8686	**800-782-7860; 217-782-7860**
S1214	**Morton Arboretum** HQ Natural Community	IL Nature Preserves Commission	n/a	Terrestrial Community: Rich Forest; Mesic upland forest	217-785-8686	**800-782-7860; 217-782-7860**
S1551	**Salt Creek Woods** Nature Preserve	IL Nature Preserves Commission, FPD of Cook County	Salt Creek		217-785-8686; 708-771-1330	**800-782-7860; 217-782-7860**
S1577	**Santa Fe Prairie** Nature Preserve	IL Nature Preserves Commission	Des Plaines River	HQ Natural Community. IL and MI Canal Natural Heritage Corridor listed as secondary agency. Terrestrial Community: Alkaline High Prairie,	217-785-8686; 708-352-4110	**800-782-7860; 217-782-7860**
S1588	**Schiller Woods Prairie** Specific Habitat	IL Nature Preserves Commission	n/a		217-785-8686	**800-782-7860; 217-782-7860**
S1665	**Songbird Slough** Specific Habitat	IL Nature Preserves Commission	n/a		217-785-8686	**800-782-7860; 217-782-7860**
S1710	**St. John Lutheran Prairie** Natural Heritage Landmark	IL Nature Preserves Commission	n/a		217-785-8686	**800-782-7860; 217-782-7860**

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Special Designated Areas

Icon	Designated Area Name	Designating Agency	Waterbody	Comments	Contact Phone	Emergency Phone
S1771	**Swift Road Meadow** Specific Habitat	IL Nature Preserves Commission	unnamed ponds		217-785-8686	**800-782-7860; 217-782-7860**
S1785	**Thatcher Woods Prairie** Specific Habitat	IL Nature Preserves Commission	Des Plaines River		217-785-8686	**800-782-7860; 217-782-7860**
S1954	**Wolf Road Prairie** Nature Preserve	IL Nature Preserves Commission	n/a	HQ Natural Community, Specific Habitat. FPD of Cook County listed as secondary agency.	217-785-8686; 708-771-1330	**800-782-7860; 217-782-7860**
S1955	**Wood Dale Grove** Specific Habitat	IL Nature Preserves Commission	n/a		217-785-8686	**800-782-7860; 217-782-7860**

Other Environmentally Sensitive Areas

Icon	Sensitive Area Name	Contact Agency	Waterbody	Comments	Contact Phone	Emergency Phone
O65	**Mainstream Pumping Station**	Metro Water Reclamation District of Greater Chicago	Des Plaines River, Chicago Sanitary and Ship Canal	Pools on land extend 2 mi. between river and canal.	312-751-5600	**312-787-3575**

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(b) (7)(F), (b) (3)

Aboveground Storage Tanks

Icon	Name, Operator	Street Address	Waterbody, River Mile	FRP	Marine Transfer	Products Handled	Contact Phone	Emergency Phone
#40	**Ashland Chemical Co.** Ashland Chemical Co.	8500 S Willow Springs Willow Springs, IL	Des Plaines River, Chicago Sanitary and Ship Canal 0.25	Y	N	hexanes, mineral seal oil, jp5	708-588-2900	**708-579-0241**
#52	**Beaver Oil Co.** Beaver Oil Co.	6037 Lenzi Ave. Hodgkins, IL	Near Des Plaines River n/a	N	N	waste oil, fuel oil	708-354-4040	**708-354-4040**
#98	**Central Blacktop Co., Inc.** Central Blacktop Co., Inc.	6301 S East Ave Hodgkins, IL	Des Plaines River	N	N	petroleum asphalt, distillates, diesel	708-482-9660	
#122	**Corn Products - Argo Plant** Corn Products Intl., Inc.	6400 S Archer Rd. Bedford Park, IL	Chicago Sanitary and Ship Canal 312	N	N	petroleum, vegetable oils, hexane	708-563-2400; 708-563-6751	**708-563-6776**
#132	**CWE - Technical Center and DVA** Commonwealth Edison Co.	1319 S 1st Ave. Maywood, IL	Des Plaines River n/a	N	N	fuel oil, mineral oil	630-576-6739	**815-463-2900**
#152	**Electro-Motive Diesel** Electro-Motive Diesel, Inc.	9301 W 55th St. McCook, IL	Des Plaines River (ditch) n/a	N	N	fuel oil, diesel, gasoline, machine oils	708-387-5904	**708-387-6200**
#182	**Fontanini Italian Meats** Fontanini Italian Meats	8751 W 50th St. McCook, IL	Des Plaines River n/a	N	N	crude oil	708-485-4800	**708-974-2127**
#188	**GE Water and Process Technologies** GE	333 S Lombard Addison, IL	Salt Creek n/a	N	N	paraffin oil extract, telura 323 oil, versene 100	630-543-8480	**224-523-4935**

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Aboveground Storage Tanks

Icon	Name, Operator	Street Address	Waterbody, River Mile	FRP	Marine Transfer	Products Handled	Contact Phone	Emergency Phone
#191	**Glenbard Area HQ** Commonwealth Edison Co.	1N423 Swift Rd. Lombard, IL	Du Page River n/a	N	N	diesel, transformer oil	630-576-6739	**815-463-2900**
#479	**Great Lakes Terminal** Great Lakes Terminal and Transportation Co.	8800 W 71st St Bedford Park, IL	Chicago Sanitary and Ship Canal 310.8	Y	N	petroleum products, industrial solvents	773-735-0586	
#203	**Hexion - Argo Terminal** Hexion Performance Chemicals	8600 & 8800 W 71st St. Bedford Park, IL	Chicago Sanitary and Ship Canal 310.8 LDB	Y	N	petroleum products/petrochemicals	708-563-6363	**708-774-3033**
#238	**Kinder Morgan Argo Terminal** Kinder Morgan Terminals, LLC	8500 W 68th St. Summit Argo, IL	Chicago Sanitary and Ship Canal 311.2 LDB	Y	Y	petroleum, tallow, fuel oil, petrochemicals	708-496-2862	**708-458-1330**
#268	**Magellan Chicago Terminal** Magellan Pipeline Co., LP	10601 Franklin Ave. Franklin Park, IL	None n/a	Y	N	petroleum products, paraffinic hydrocarbons	847-455-1446	**847-455-1139; 800-720-2417**
#480	**Magie Brothers** Penreco	9101 Fullerton Ave Franklin Park, IL	Des Plaines River	Y	N	printing and rolling oils	847-455-4500	
#300	**Midwest Generation - TSS-120 Lombard Fast Start Peaking** Midwest Generation, LLC	W Swift Rd. & N St Charles Rd. Lombard, IL	Du Page River n/a	N	N	diesel fuel, mineral oil, turbine oil	815-942-4500 ext.2202	**815-942-4500 ext.2289**
#313	**Nestle Chocolate & Confections** Nestle Food Co.	3401 Mt Prospect Rd. Franklin Park, IL	Silver Creek n/a	Y	N	coconut/palm oil, diesels	847-957-5832	**847-957-5884**

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Aboveground Storage Tanks

Icon	Name, Operator	Street Address	Waterbody, River Mile	FRP	Marine Transfer	Products Handled	Contact Phone	Emergency Phone
#343	**North America Inks**	135 W Lake St.	Addison Creek	N	N	distillate oils, linseed oil, varnish, heptane	708-562-0550	**708-574-8173 (c)**
	Sun Chemical Corp.	Northlake, IL	n/a					
#352	**Ortek**	7601 W 47th St.	Des Plaines River	N	N	kerosene, lube oil, petroleum base oil	708-762-5117	**708-762-5117**
	Ortek	McCook, IL	n/a					
#440	**The Valvoline Co.**	8450/8500 S Willow Springs Rd.	Chicago Sanitary and Ship Canal	Y	N	lubricating oil, base stocks, petroleum	708-579-4660	**708-579-4660**
	Ashland, Inc.	Willow Springs, IL	308.5 LDB					
#447	**Trumbull Asphalt Summit Plant**	7800 W 59th St.	Chicago Sanitary and Ship Canal	Y	N	petroleum products/asphalt	708-594-6900	**708-257-5586**
	Owens Corning Fiberglas Tech	Summit, IL	312.6 LDB					
#452	**Union Pacific Proviso Yard**	5050 W Lake St.	Addison Creek	Y	N	petroleum products, diesel and lube oil	708-649-5000	**888-877-7267**
	Union Pacific Railroad Co.	Melrose Park, IL	n/a					

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Pipelines

Icon	Company Name, Route Name	Diameters (in)	Products Carried	Contact Phone	Emergency Phone
PL12	**BP Pipeline (North America) Inc.** Whiting to Chicago	10	PRD	918-607-4306	**800-548-6482**
PL14	**BP Pipeline (North America) Inc.** Whiting to Chicago	10	PRD	918-607-4306	**800-548-6482**
PL20	**Buckeye Partners, LP** Wood River	14	PRD	610-904-4232	**800-331-4115**
PL27	**Buckeye Partners, LP** Wood River	14	PRD	610-904-4232	**800-331-4115**
PL46	**Buckeye Partners, LP** West Shore Pipeline	16	PRD	610-904-4423	**800-331-4115**
PL56	**Buckeye Partners, LP** West Shore Pipeline	12	PRD	610-904-4423	**800-331-4115**
PL57	**Buckeye Partners, LP** West Shore Pipeline	16	PRD	610-904-4423	**800-331-4115**
PL61	**Buckeye Partners, LP** West Shore Pipeline	10	PRD	610-904-4423	**800-331-4115**
PL63	**Buckeye Partners, LP** West Shore Pipeline	16	PRD	610-904-4423	**800-331-4115**
PL213	**Enterprise Products Co.** P36	14	PRD	708-534-6266; 708-534-8133	**800-530-1050**
PL214	**Enterprise Products Co.** P37	14	PRD	708-534-6266; 708-534-8133	**800-530-1050**
PL129	**GATX Terminals Corp.** Kinder Morgan Liquid Terminals	14	PRD	213-624-9461; 714-560-4862	**888-449-7539**

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Pipelines

Icon	Company Name, Route Name	Diameters (in)	Products Carried	Contact Phone	Emergency Phone
PL147	**Magellan Pipeline Co.** Mississippi River to Chicago #2-8"	8	PRD	918-574-7315	**800-720-2417**
PL148	**Magellan Pipeline Co.** Mississippi River to Chicago #5-8"	8	PRD	918-574-7315	**800-720-2417**
PL149	**Magellan Pipeline Co.** Mississippi River to Chicago #6-12"	12	PRD	918-574-7315	**800-720-2417**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H18	**Above & Beyond Black Oxide, Inc.** Jack Cooper	1029 N 27th Ave.	Melrose Park, IL 60160-2940	708-345-7100	**708-345-7100**
H26	**Ace Anodizing & Impregnating** Ace Anodizing & Impregnating	4161 Butterfield Rd.	Hillside, IL 60162-1118	708-547-6680	**708-547-6680**
H32	**ACH Food Companies, Inc.** Stacy Ellis	6400 S Archer Rd.	Summit, IL 60501	708-546-2295	**708-546-2295**
H59	**ADT Security Services** Tyco Attn: Scott Johnson	171 Addison Ave.	Elmhurst, IL 60126	630-327-7582	**630-327-7582**
H64	**ADT Security Services** Tyco Attn: Scott Johnson	455 W Lake St.	Elmhurst, IL 60126	630-327-7582	**630-327-7582**
H60	**ADT Security Services** Tyco Attn: Scott Johnson	2010 Swift Dr.	Oak Brook, IL 60523-1504	630-417-6034	**630-417-6034**
H71	**Adventist Hinsdale Hospital** James Today	120 N Oak St.	Hinsdale, IL 60521	630-856-8300	**630-856-8300**
H132	**Akzo Nobel Surface Chemistry LLC (Trade Secret (U** Akzo Nobel Surface Chemistry LLC	8201 W 47th St.	Mccook, IL 60525	708-447-7990	**708-447-7990**
H135	**Alberto Culver Distribution Warehouse** Alberto Culver USA	2100 15th Ave.	Melrose Park, IL 60160	708-450-3000	**708-450-3000**
H136	**Alberto Culver USA, Inc.** Alberto Culver USA	2525 Armitage Ave.	Melrose Park, IL 60160	708-450-3000	**708-450-3000**
H137	**Albertsons Distribution Center #8770** Albertsons, Inc.	1955 W North Ave.	Melrose Park, IL 60160	708-531-6210	**708-531-6210**
H147	**All-Brite Anodizing Co.** All-Brite Anodizing	100 W Lake St.	Northlake, IL 60164	708-562-0502	**708-562-0502**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H159	**Alpha Circuit Corporation** Alpha Circuit Corporation	730 Oaklawn Ave.	Elmhurst, IL 60126	630-617-5555	**630-617-5555**
H170	**American / Jebco Corporation** American / Jebco Corporation	11330 Melrose Ave.	Franklin Park, IL 60131-1323	847-455-3150	**847-455-3150**
H172	**American Circuit Inc.** American Circuit Inc.	712 S Westgate	Addison, IL 60101	630-543-4450	**630-543-4450**
H178	**American Pharmaceutical Partners, Inc** Joe Dede	2020 N Ruby	Melrose Park, IL 60160	708-345-6170	**708-345-6170**
H179	**American Progressive Circuits, Inc.** American Progressive Circuits	1772 Armitage Court	Addison, IL 60101	630-495-6900	**630-495-6900**
H180	**American Standard Circuits, Inc.** Jay Hirpara	3615 Wolf Rd.	Franklin Park, IL 60131	847-455-1500	**847-455-1500**
H194	**Anchor Products Co.** Robert H. Thrun	52 Official Rd.	Addison, IL 60101	630-543-9124	**630-543-9124**
H222	**Ari Industries, Inc.** Dan Malcolm	381 Ari Court	Addison, IL 60101	630-752-1812	**630-752-1812**
H229	**Arro Corporation** Patrick Gaughan	7550 Santa Fe Dr.	Hodgkins, IL 60525	708-352-8200	**708-352-8200**
H283	**Beaver Company** Ray Vintika	6037 Lenzi Ave.	Hodgkins, IL 60525	708-354-4040	**708-354-4040**
H287	**Belmont Plating Works, Inc.** Mark Toni	3410 N River Rd.	Franklin Park, IL 60131	847-678-0200	**847-678-0200**
H309	**Blistex Inc.** David Arch	1800 Swift Dr.	Oak Brook, IL 60523-1577	630-571-2870	**630-571-2870**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H325	**Bodycote Thermal Processing** Bodycote	1975 Ruby St.	Melrose Park, IL 60160	708-344-4080	**708-344-4080**
H330	**BorgWarner Transmission Systems** Doug Grube	700 S 25th Ave.	Bellwood, IL 60104	708-547-2600	**708-547-2600**
H408	**Callen Manufacturing Corp.** Callen Manufacturing Corp.	13 E Lake St.	Northlake, IL 60164	708-345-0400	**708-345-0400**
H436	**Castle Metal Finishing Corp.** Phillip Meier	4631 N 25th Ave.	Schiller Park, IL 60176	847-678-6041	**847-678-6041**
H450	**Central Blacktop Co. Inc.** James Loukota	6301 S East Ave.	Hodgkins, IL 60525	708-482-9660	**708-482-9660**
H458	**Certified Grocers Midwest, Inc.** Kenneth Koester	6800 Santa Fe Dr.	Hodgkins, IL 60525-7638	708-579-2100	**708-579-2100**
H470	**Chef Solutions, Inc.** Chris Loiotile	111 N Northwest Ave.	Northlake, IL 60164	708-236-5500	**708-236-5500**
H496	**Chicago Hardware & Fixture Corp.** Thomas Herbstritt	3431 Wolf Rd.	Franklin Park, IL 60131	847-455-6609	**847-455-6609**
H497	**Chicago Parts Distribution Center** Chicago Distribution Services	2225 W North Ave.	Melrose Park, IL 60160-1107	773-702-7080	**773-702-7080**
H498	**Chicago Powdered Metal Products** John MIller	9700 Waveland Ave.	Schiller Park, IL 60176	847-678-2836	**847-678-2836**
H500	**Chicagoland Quad Cities Express** Terri Wintermute	7715 S 78th Ave. - Building #2 #3	Bridgeview, IL 60455	708-594-6200	**708-594-6200**
H503	**Chrometec, LLC** Brian Skerik	820 Ridge Unit 1	Lombard, IL 60148	630-792-8777	**630-792-8777**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H509	**Cintas Corp. #769** Cintas Corp.	1201 W St. Charles Rd.	Maywood, IL 60153	708-613-3100	**708-613-3100**
H511	**Circuit Engineering, LLC** Roy Elmana	511 Vista Ave. Suite A	Addison, IL 60101	630-628-9923	**630-628-9923**
H516	**City Carbonic** American Compressed Gases	9100 Plainfield Rd. # 9	Brookfield, IL 60513-2458	708-485-3007	**708-485-3007**
H527	**Clarendon Hills Water Co.** Mark Menard	58th St. & Holmes	Clarendon Hills, IL 60514	815-498-3621	**815-498-3621**
H545	**CNH Burr Ridge Operations** CNH America, LLC	6900 Veterans Blvd.	Burr Ridge, IL 60527-5640	630-887-2127	**630-887-2127**
H558	**Collections, Etc.** Bruce Getowicz	4800 Proviso Dr.	Melrose Park, IL 60163	708-615-6005	**708-615-6005**
H605	**Corn Products Argo Plant** Fernando Marin	6400 S Archer Rd.	Bedford Park, IL 60501-1935	708-563-2400	**708-563-2400**
H657	**Creative Card Facility** Nu-Art	7700 W 79th St	Bridgeview, IL 60455-1469	708-496-4900	**708-496-4900**
H665	**Crown Lift Trucks - Chicago** Todd Walter	430 E Plainfield Rd.	Lagrange, IL 60525	708-354-9600	**708-354-9600**
H685	**Darwill, Inc.** Darwill, Inc.	11900 Roosevelt Rd.	Hillside, IL 60162	708-236-4900	**708-236-4900**
H690	**Dean Foods** Dean Foods	3600 River Rd.	Franklin Park, IL 60131	847-678-1680	**847-678-1680**
H707	**Dentsply MPL Technologies** DENTSPLY International	9400 King St.	Franklin Park, IL 60131-2116	847-678-7555	**847-678-7555**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H730	**Dr. Pepper/7-Up Bottling Group** Dr Pepper Snapple Group	401 N Railroad Ave.	Northlake, IL 60164	708-947-5000	**708-947-5000**
H741	**DuPage Plating Co.** DuPage Plating Co.	1706 Armitage Ct.	Addison, IL 60101	630-495-4242	**630-495-4242**
H744	**Duraco, Inc.** Duraco, Inc.	7400 Industrial Dr.	Forest Park, IL 60130	800-852-1025	**708-488-1025**
H748	**Dynaflex Division Of Cartex Corporation** Woodbridge Holdings, Inc.	410 Factory Rd.	Addison, IL 60101	630-543-4540	**630-543-4540**
H770	**EDS Information Services, LLC** EDS Information Services LLC	1800 Springer Dr.	Lombard, IL 60148	248-265-9574	**248-265-9574**
H800	**Elecro Battery - EPM** East Penn Manufacturing Co., Inc.	2427 Braga Dr.	Broadview, IL 60155	708-681-9340	**708-681-9340**
H805	**Electro-Motive Diesel, Inc.** Electro-Motive Diesel, Inc.	9301 W 55th St.	Mccook, IL 60525	708-387-6000	**708-387-6000**
H815	**Elkay Manufacturing Company** Elkay Manufacturing Co.	2700 S 17th Ave.	Broadview, IL 60155	708-681-1880	**708-681-1880**
H820	**En-Chro Plating Ltd.** En-Chro Plating Ltd.	2755 W Lake St.	Melrose Park, IL 60160	708-450-1250	**708-450-1250**
H822	**Enersys, Inc.** Enersys, Inc.	7521 Brush Hill Rd.	Burr Ridge, IL 60527-7575	630-455-4872	**630-920-4440**
H912	**Fresh Express - Addison St.** Chiquita Brands International, Inc.	11010 W Addison St.	Franklin Park, IL 60131	847-451-5400	**847-451-5400**
H913	**Fresh Express - Edgington** Chiquita Brands International, Inc.	2524 Edgington	Franklin Park, IL 60131	847-288-2209	**847-288-2209**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H914	**Fresh Express - Nevada Ave.** Chiquita Brands International, Inc.	9501 Nevada Ave.	Franklin Park, IL 60131	847-288-2200	**847-288-2200**
H916	**Freudenberg Household Products** Freudenberg Household Products	505 N Railroad Ave.	Northlake, IL 60164-1652	708-452-4100	**708-452-4100**
H915	**Freudenberg Household Products** Freudenberg Household Products	2800 W Lake St.	Melrose Park, IL 60160	708-452-4100	**708-452-4100**
H930	**G.E Consumer and Industrial** G.E Consumer and Industrial	7770 W 71st St.	Bridgeview, IL 60455	708-594-4100	**708-594-4100**
H938	**Garratt-Callahan Company** Garratt-Callahan Co.	340 La Londe Ave.	Addison, IL 60101	630-543-8580	**630-543-8580**
H963	**GE Water Technologies** Ge Water Technologies	333 S Lombard Rd.	Addison, IL 60101	630-543-8480	**630-543-8480**
H969	**General Binding Corporation** General Binding Corporation	712 W Winthrop	Addison, IL 60101	630-543-7100	**630-543-7100**
H979	**General Plating Co., Inc.** General Plating Co., Inc.	303 Fay Ave.	Addison, IL 60101	630-543-0088	**630-543-0088**
H982	**George Weston Bakeries - Entenmann's** George Weston Bakeries	300 W North Ave.	Northlake, IL 60164-2404	708-409-4285	**708-409-4285**
H1004	**Golden Grain Company** The Quaker Oats Company	7700 W 71st St.	Bridgeview, IL 60455	708-458-7020	**708-625-3543**
H1041	**H.A. Framburg & Co.** H.A. Framburg & Co.	941 Cernan Dr.	Bellwood, IL 60104	800-796-5514	**800-796-5514**
H1052	**Hanson Metal Finishing, Inc.** Hanson Metal Finishing, Inc.	479 Vista Ave.	Addison, IL 60101	630-543-4798	**630-543-4798**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H1095	**Hi-Temp, Inc. Plant # 2** Hi-Temp, Inc.	75 E Lake St.	Northlake, IL 60164	708-345-5800	**708-410-8000**
H1096	**Hi-Temp, Inc. Plant #1** Hi-Temp, Inc.	310 S Wolf Rd.	Northlake, IL 60164	708-345-5800	**708-410-8000**
H1097	**Hi-Temp, Inc. Plant #3** Hi-Temp, Inc.	5400 W Lake St.	Melrose Park, IL 60160	708-345-5800	**708-410-8000**
H1109	**Home Depot Supply #5430** Home Depot Supply, Inc.	635 Northwest Ave. Suite C	Northlake, IL 60164	708-836-9010	**708-836-9010**
H1182	**Industrial Steel Service Center** Industrial Steel Service Center	1700 W Cortland Ct.	Addison, IL 60101-4208	630-543-0660	**630-543-0660**
H1199	**International Truck & Engine Corporation** International Truck & Engine Corporation	10400 W North Ave.	Melrose Park, IL 60160	708-865-3731	**708-865-3731**
H1200	**Interstate Brands Corporation - Hodgkins** Interstate Brands Corp.	7225 Santa Fe Dr.	Hodgkins, IL 60525	708-482-7770	**708-482-7770**
H1201	**Interstate Brands Corporation - Schiller Park** Interstate Brands Corp.	9555 W Soreng Ave.	Schiller Park, IL 60176	847-678-0491	**847-678-0491**
H1296	**Kinder Morgan Liquids Terminals, LLC** Kinder Morgan Liquids Terminals, LLC	8500 W 68th St.	Argo (Summit), IL 60501	708-496-2862	**708-496-2862**
H1297	**King Circuits, Inc.** King Circuits, Inc.	1769 W Armitage Ct.	Addison, IL 60101-4221	630-629-7300	**630-629-7300**
H1299	**King Supply** King Supply	9145 King St.	Franklin Park, IL 60131	847-678-0200	**847-678-0200**
H1307	**Koch Foods of Franklin Park** Koch Foods of Franklin Park	2155 Rose St.	Franklin Park, IL 60131	847-455-0902	**847-455-0902**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H1333	**Kraft Foods Global, Inc.- Addison** Kraft Foods Global, Inc.	221 S Swift Rd.	Addison, IL 60101-5621	630-629-9831	**630-629-9831**
H1339	**Krueger and Company** Krueger and Company	900 Industrial Dr.	Elmhurst, IL 60126	630-833-5650	**630-833-5650**
H1343	**LA Chemical, Ltd.** LA Chemical, Ltd.	2415 Gardner Rd.	Broadview, IL 60155	708-345-6880	**708-345-6880**
H1399	**Lehigh Direct** Lehigh Direct	1900 S 25th Ave.	Broadview, IL 60153-4597	708-681-3612	**708-681-3612**
H1485	**Masterfoods USA A Division of Mars, Inc.** Masterfoods USA, A Division of Mars, Inc.	15W660 79th St.	Burr Ridge, IL 60527	630-850-9898	**630-850-9898**
H1507	**Mech-Tronics** Mech-Tronics	1635 N 25th Ave.	Melrose Park, IL 60160	708-344-9823	**708-344-9823**
H1508	**Mech-Tronics** Mech-Tronics	1707 N 25th Ave.	Melrose Park, IL 60160	708-344-9823	**708-344-9823**
H1512	**Mega Circuit, Inc.** Mega Circuit, Inc.	1040 S Westgate St.	Addison, IL 60101	630-629-1800	**630-629-1800**
H1514	**Menlo Worldwide Forwarding - A UPS Company** UPS Company	94 O'Leary Dr.	Bensenville, IL 60106	None	**None**
H1543	**Micro Circuits, Inc.** Micro Circuits, Inc.	222 W Fay Ave.	Addison, IL 60101-5006	630-628-5760	**630-628-5760**
H1548	**Midtronics Incorporated** Midtronics Incorporated	7000 Monroe	Willowbrook, IL 60527	630-321-8071	**630-321-8071**
H1585	**MK Battery** East Penn Manufacturing Co., Inc.	2435 Braga Dr.	Broadview, IL 60155	708-338-1462	**708-338-1462**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H1591	**Momentive/Hexion Specialty Chemicals, Inc. - FKA R** Momentive Specialty Chemicals, Inc.	8600 W 71st St.	Bedford Park, IL 60501	708-728-8824	**708-728-8824**
H1603	**Moore Wallace, Inc. - Hillside Printing** Moore Wallace-Hillside Print.	4600 W Roosevelt Rd.	Hillside, IL 60162	708-492-4600	**708-492-4600**
H1607	**Morgan O'Hare, Inc.** Morgan O'Hare, Inc.	701 Factory Rd.	Addison, IL 60101	630-543-6780	**630-543-6780**
H1637	**MWRDGC - Hodgkins** Metropolitan Water Reclamation District	6100 River Rd.	Hodgkins, IL 60804	708-588-4000	**708-588-4000**
H1670	**Nestl ├─ Confections & Snacks** Nestl ├─ Confections & Snacks	3401 Mt. Prospect Rd.	Franklin Park, IL 60131	847-957-5884	**847-957-5884**
H1685	**Nielsen & Bainbridge, LLC** Nielsen & Bainbridge, LLC	7830A W 71st St.	Bridgeview, IL 60455	708-546-2135	**708-546-2135**
H1698	**North Regional Water Facility Wellhouse** DuPage County Public Works	Tee Ln. & Lloyd Ave.	Itasca, IL 60143	630-407-6800	**630-407-6800**
H1708	**Noveon, Inc.** Noveon, Inc.	9550 W 55th St. Suite D	Mccook, IL 60525	708-579-8000	**708-579-8000**
H1713	**NYCO Products Company** NYCO Products Company	5332 Dansher Rd.	Countryside, IL 60525	708-579-8100	**708-579-8100**
H1725	**Oldcastle Retail, Inc. DBA Bonsal American** Oldcastle Retail, Inc. DBA Bonsal American	10352 Franklin Ave.	Franklin Park, IL 60131	847-678-6220	**847-678-6220**
H1728	**Olmarc Packaging Co.** Olmarc Packaging Co.	11130 W King St.	Franklin Park, IL 60131	847-451-1818	**847-451-1818**
H1729	**Olmarc Packaging Co.** Olmarc Packaging Co.	165 W Lake St.	Northlake, IL 60164	708-562-2000	**708-562-2000**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H1738	**Ortek, Inc.** Ortek Inc.	7601 W 47th St.	Mccook, IL 60525	708-762-5117	**708-762-5117**
H1762	**Panduit Corp. - Rack Systems Division** Panduit Corp.	412 Rockwell Court	Burr Ridge, IL 60521	708-532-1800	**708-532-1800**
H1768	**Parts Cleaning Technologies - IL** Parts Cleaning Technologies	2537 LeMoyne Ave.	Melrose Park, IL 60160	708-345-3806	**708-345-3806**
H1770	**Patten Industries, Inc.** Patten Industries, Inc.	635 W Lake St.	Elmhurst, IL 60126	630-279-4400	**630-279-4400**
H1783	**Pelron, Inc.** Pelron, Inc.	7847 47th St.	Lyons, IL 60534	708-442-9100	**708-442-9100**
H1810	**Peterson Finishing Corporation** Peterson Finishing Corp	3827 Willow St.	Schiller Park, IL 60176-2309	847-671-2514	**847-671-2514**
H1874	**Praxair, Inc.** Praxair, Inc.	12000 Roosevelt Rd.	Hillside, IL 60162	708-449-9300	**708-449-9300**
H1878	**Precise Finishing** Precise Finishing	2842 Birch St.	Franklin Park, IL 60131	847-451-2077	**847-451-2077**
H1879	**Precision Extrusions, Inc.** Precision Extrusions, Inc.	720 E Green St.	Bensenville, IL 60106	630-766-0340	**630-766-0340**
H1900	**Pulsar, Inc.** Pulsar, Inc.	9901 Pacific	Franklin Park, IL 60131	847-233-0012	**847-233-0012**
H1906	**Qual Tech Circuits, Inc.** Qual Tech Circuits, Inc.	111 W Fullerton Ave.	Addison, IL 60101	630-543-5200	**630-543-5200**
H1929	**Rapid Electroplating Process, Inc.** Rapid Electroplating Process, Inc.	2901 W Soffel Ave.	Melrose Park, IL 60160	708-344-2504	**708-344-2504**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H1944	**Rexnord Industries, Inc.** Rexnord Industries, Inc.	2400 Curtiss St.	Downers Grove, IL 60515	630-969-1770	**630-969-1770**
H1966	**Rixson** Yale Security, Inc	9100 W Belmont Ave.	Franklin Park, IL 60131	847-671-5670	**847-671-5670**
H1968	**Robert Bosch Corporation** Robert Bosch Corporation	2800 S 25th Ave.	Broadview, IL 60155	708-865-5200	**708-865-5200**
H1990	**Rock-Tenn Co. / Alliance Burr Ridge** Rock-Tenn Co.	51 Shore Dr.	Burr Ridge, IL 60527	630-325-9670	**630-325-9670**
H2065	**Scholle Corporation** Scholle Corporation	200 W North Ave.	Northlake, IL 60164-2402	708-562-7290	**708-562-7290**
H2074	**Selective Plating** Selective Plating	240 S Lombard Rd.	Addison, IL 60101	630-543-1380	**630-543-1380**
H2090	**Signode** Illinois Tool Works, Inc.	7701 W 71st St.	Bridgeview, IL 60455	708-458-7320	**708-458-7320**
H2096	**Sloan Valve Company** Sloan Valve Company	10500 Seymour Ave.	Franklin Park, IL 60131	847-671-4300	**847-671-4300**
H2149	**Stampede Meat, Inc.** Stampede Meat, Inc.	7351 S 78th Ave.	Bridgeview, IL 60455	773-376-4300	**773-376-4300**
H2168	**Sterigenics U.S., LLC** Sterigenics U.S., LLC	830 Midway Dr.	Willowbrook, IL 60521	630-654-5151	**630-654-5151**
H2167	**Sterigenics U.S., LLC** Sterigenics U.S., LLC	7775 Quincy St.	Willowbrook, IL 60521	630-654-5151	**630-654-5151**
H2179	**Summit DC** Rolling Frito-Lay Sales LP	7700 Bulldog Dr.	Summit, IL 60501	708-563-4963	**708-563-4963**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H2200	**SWD, Inc.** SWD, Inc.	910 Stiles Dr.	Addison, IL 60101	630-543-3003	**630-543-3003**
H2208	**T.A.C,. Inc.** T.A.C,. Inc.	7625 W 59th St.	Summit, IL 60501	708-458-5650	**708-458-5650**
H2211	**T.A.C., Inc.** T.A.C,. Inc.	7745 W 59th St.	Summit, IL 60501	708-458-5650	**708-458-5650**
H2210	**T.A.C., Inc.** T.A.C,. Inc.	7739 W 59th St.	Summit, IL 60501	708-458-5650	**708-458-5650**
H2231	**The Chamberlain Group, Inc.** The Chamberlain Group, Inc.	1350 N Greenbriar Dr.	Addison, IL 60101	630-424-1635	**630-424-1635**
H2235	**The Finishing Company, Inc.** The Finishing Company, Inc.	2340 N 17th	Franklin Park, IL 60131	847-455-2626	**847-455-2626**
H2259	**Thompson Steel Company, Inc.** Thompson Steel Company, Inc.	9470 King St.	Franklin Park, IL 60131	847-678-0400	**847-678-0400**
H2302	**Tru Vue Inc** Jane Boyce	9400 W 55th St.	Mccook, IL 60525	708-485-5080	**708-485-5080**
H2303	**Tru-Coat Plating Co.** Neal Mazzone	130 N Mannheim Rd.	Bellwood, IL 60104	708-544-3940	**708-544-3940**
H2330	**U.S. Postal Service - Chicago Bulk Mail Center & Faci** U.S. Postal Service	7500 W Roosevelt Rd.	Forest Park, IL 60130	708-583-4457	**708-583-4457**
H2331	**U.S. Postal Service - O'Hare Int'l Svc Center** U.S. Postal Service	11600 W Irving Park Rd.	Chicago, IL 60666-1000	773-894-1350	**773-894-1350**
H2332	**U.S. Smokeless Tobacco Mfg. LP** Ronald F Ray	11601 Copenhagen Ct.	Franklin Park, IL 60131	847-957-8200	**847-957-8200**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H2343	**Unilever Supply Chain, Inc.** Unilever Supply Chain, Inc.	9353 W Belmont Ave.	Franklin Park, IL 60131	847-678-1241	**847-678-1241**
H2361	**United Refining & Smelting Company** Robert Glavin	3700 Runge Ave.	Franklin Park, IL 60464	847-455-8800	**847-455-8800**
H2364	**United States Cold Storage** United States Cold Storage	8424 W 47th St.	Lyons, IL 60534	708-442-6660	**708-442-6660**
H2376	**Univar USA - Bedford Park** Univar USA Inc	8500 W 68th St.	Bedford Park, IL 60501	708-728-6740	**708-728-6740**
H2379	**UOP, LLC** UOP, LLC	8400 Joliet Rd.	Mccook, IL 60525	708-442-7400	**708-442-7400**
H2384	**UPS Supply Chain Solutions** UPS Supply Chain Solutions	90-94 O'Leary Dr.	Bensenville, IL 60106	630-766-9137	**630-766-9137**
H2393	**Valmont Coatings - Empire Galvanizing Plant** Valmont Coatings, Inc.	10909 Franklin Ave.	Franklin Park, IL 60131	847-455-0884	**847-455-0884**
H2413	**Village of Addison / AJL WWT Facility** Village of Addison	333 S Villa Ave.	Addison, IL 60101	630-279-2140	**630-279-2140**
H2414	**Village of Addison / North WWT Facility** Village of Addison	711 N Addison Rd.	Addison, IL 60101	630-279-2140	**630-279-2140**
H2416	**Village of Bensenville-Wastewater** Village of Bensenville	711 E Jefferson St.	Bensenville, IL 60106	630-350-3486	**630-766-8200**
H2417	**Village of Bensenville-Water** Village of Bensenville	101 N Church Rd.	Bensenville, IL 60106	630-766-8200	**630-766-8200**
H2418	**Village of Bensenville-Water** Village of Bensenville	230 W Belmont	Bensenville, IL 60106	630-766-8200	**630-766-8200**

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Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database

Icon	Name, Operator	Street Address	City, State, Zip	Contact Phone	Emergency Phone
H2438	**Village of Woodridge** Village of Woodridge	8810 Woodward Ave.	Woodridge, IL 60517	630-719-4753	**630-719-4753**
H2439	**Village of Woodridge -1579** Village of Woodridge	1579 75th St.	Woodridge, IL 60517-2611	630-719-4753	**630-719-4753**
H2458	**Walgreens DC002** Walgreens Corporation	5300 St. Charles Rd.	Berkeley, IL 60163	708-547-5850	**708-547-5850**
H2481	**Werner Co. Chicago Division** Werner Co., Chicago Division	10800 W Belmont Ave.	Franklin Park, IL 60131	847-455-9450	**847-455-9450**
H2494	**WH. Salisbury & Co.** WH. Salisbury Co.	777 W Factory Rd.	Addison, IL 60101-4308	630-543-9111	**630-543-9111**

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Illinois Atlas – Map 56

Sensitive Species[a]

For a complete listing of species groupings, refer to Appendix B.

Listing	Contact Name	Contact Phone	Emergency Phone
Federal	**U.S. Fish and Wildlife Service,** Rock Island Field Office	309-757-5800 ext. 206	**612-725-3548** Twin Cities Ecological Field Office
State	**Illinois Department of Natural Resources**	217-782-2685 Program Manager	**217-782-7860** IL Office of Emergency Response

Managed Areas

Icon	Managed Area Name	Managing Agency	Waterbody	Comments	Contact Phone	Emergency Phone
R144	**Calumet Division** County Forest Preserve	Forest Preserve District of Cook County	n/a		708-771-1180	**708-771-1001**
R523	**Indian Boundary Division** County Forest Preserve	Forest Preserve District of Cook County	Des Plaines River, several lakes and ponds		708-771-1180	**708-771-1001**
R962	**Salt Creek Division** County Forest Preserve	Forest Preserve District of Cook County	Des Plaines River, Salt Creek, several lakes and ponds		708-771-1180	**708-771-1001**

Special Designated Areas

Icon	Designated Area Name	Designating Agency	Waterbody	Comments	Contact Phone	Emergency Phone
S180	**Bridgeview Prairie** HQ Natural Community	IL Nature Preserves Commission	n/a	Terrestrial Community: Tallgrass Prairie; Mesic prairie	217-785-8686	**800-782-7860;** **217-782-7860**
S1209	**Montrose Beach Dune** Specific Habitat	IL Nature Preserves Commission	Lake Michigan		217-785-8686	**800-782-7860;** **217-782-7860**

Other Environmentally Sensitive Areas

Icon	Sensitive Area Name	Contact Agency	Waterbody	Comments	Contact Phone	Emergency Phone
O12	**Chicago River Controlling Works**	Metro Water Reclamation District of Greater Chicago	Chicago River, Lake Michigan		312-751-5600	**312-787-3575**
O78	**Racine Ave Pump Station**	Metro Water Reclamation District of Greater Chicago	S Fork S Branch Chicago River		312-751-5600	**312-787-3575**

Marinas

Icon	Name	Street Address	Waterbody, River Mile	Slips	Fuel	Contact Phone	Emergency Phone
M1	**AAA Boat Yard & Port Supply**	1111 N Elston Ave, Chicago IL	Chicago River North Branch, 327.2 RDB	16	N	773-276-0330	**Unknown**

[a] 2008 Illinois Natural Heritage Data provided by NatureServe.
To simplify the maps, rare species and most natural communities are represented at species occurrence. As such, the hexagons DO NOT represent the full extent of any species or community occurrence. In particular, it should be assumed that mobile species likely occur throughout suitable habitat in the vicinity of the point representation.

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Illinois Atlas – Map 56, (Continued)

Marinas, continued

Icon	Name	Street Address	Waterbody, River Mile	Slips	Fuel	Contact Phone	Emergency Phone
M29	**Burnham Harbor**	1559 S Lake Shore Drive, Chicago IL	Lake Michigan	1120	Y	312-747-7009/ 0737/ 7673	**312-744-9110**
M103	**Jackson Harbor**	6400 S Lakeshore Dr, Chicago IL	Lake Michigan	165	Y	773-288-7106; 773-288-1065	**312-742-9110**
M127	**Lincoln Park Diversey Harbor**	2601 N. Cannon Drive, Chicago IL	Lake Michigan	714	Y	312-742-7762	**312-418-2261**
M148	**Monroe Harbor**	Foot of Monroe St, Chicago IL	Lake Michigan	1000	Y	312-742-7643	**312-861-7777**
M156	**Navy Pier**	600 E Grand Ave, Chicago IL	Lake Michigan	Y	N	312-595-7437	**312-595-5060**
M215	**Skipper Bud's River City Marina**	310 North State Street, Unit EE, Chicago IL	Chicago River Main Branch, 324.6 LDB	64	N	312-828-9989; 847-872-3200	**312-431-3452**
M263	**Windy City Marina**	300 N State St, Chicago IL	Chicago River Main Branch, 326.1 RDB	12	Y	312-670-3635; 312-670-3625	**Unknown**

Navigation Locks and Dams

Icon	Name	Street Address	Waterbody, River Mile	Contact Phone	Emergency Phone
LD2	**Chicago Harbor Lock**	108 N Streeter Dr., Chicago IL	Chicago River, Lake Michigan, 327.2	312-846-5487	**800-424-8802**

(b) (7)(F), (b) (3)

[redacted]

Aboveground Storage Tanks

Icon	Name, Operator	Street Address	Waterbody, River Mile	Response Plan	Marine Transfer	Products Handled	Contact Phone	Emergency Phone
#31	**Ameropan Oil Corp.**	3301 S California Ave., Chicago IL	Chicago Sanitary and Ship Canal, 320.2 LDB	N	Y	asphalt	773-847-4400	**312-617-9935 (c); 708-334-2345 (c)**
#44	**AT&T**	85 W Congress Pkwy, Chicago IL	Chicago River (S Branch), 325	N	N	diesel	770-922-6035	**312-930-1530**
#45	**AT&T**	10 S Canal St., Chicago IL	Chicago River (S Branch), 325.5	N	N	diesel	770-922-6035	**312-930-1530**
#55	**Bell Oil Terminal,** Ameropan Oil Corp.	3741 S Pulaski Rd., Chicago IL	Chicago Sanitary and Ship Canal, 318.8 LDB	Y	Y	asphalt	773-847-4400	**312-617-9935 (c); 708-334-2345 (c)**

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Illinois Atlas – Map 56, (Continued)

Aboveground Storage Tanks, continued

Icon	Name, Operator	Street Address	Waterbody, River Mile	Response Plan	Marine Transfer	Products Handled	Contact Phone	Emergency Phone
#63	**BP - Chicago Terminal,** BP Products North America, Inc.	4811 S Harlem Ave., Forest View IL	Chicago Sanitary and Ship Canal, 314.2 RDB	Y	N	gasoline, distillate fuels	708-749-5019	**800-321-8642**
#106	**Cicero Lubricants Manufacturing Plant,** CITGO Petroleum Corp.	3737 S Cicero Ave., Cicero IL	Chicago Sanitary and Ship Canal, 317.4 RDB	Y	Y	petroleum products - lubricants	708-780-5914	**630-461-1156 (c)**
#113	**Clean Harbors Recycling Services,** Clean Harbors Environmental	1445 W 42nd St., Chicago IL	Chicago River (S fork of the S branch), 0.6	N	Y	pyriolidone, tetrahydrofuran, alpha methyl styrene	773-247-2828	**773-247-2828**
#125	**CSX Intermodal Chicago,** CSX Intermodal, Inc.	7000 W 71st St., Bedford Park IL	Chicago Sanitary and Ship Canal	N	N	diesel	708-563-3939	**708-906-0411**
#158	**Ester Solutions,** The Hallstar Co.	5851 W 73rd St., Bedford Park IL	Chicago Sanitary and Ship Canal	N	N	soybean oil, tallow	708-594-5077; 708-594-5068	**708-594-5980**
#168	**ExxonMobil Cicero Lube Plant,** ExxonMobil Corp.	3801 S Cicero Ave., Chicago IL	Chicago Sanitary and Ship Canal, 317.5 RDB	Y	Y	petroleum products, lubricants	630-662-5546	**630-662-5517**
#215	**Illinois Bell Telephone Co.,** SBC Environmental Management	311 Washington St., Chicago IL	Chicago River (S Branch), 325.5	N	N	diesel	770-922-6035	**312-727-5379**
#241	**Koppers Industries, Inc.**	3900 S Laramie Ave., Cicero IL	Chicago Sanitary and Ship Canal, 316.8 RDB	Y	Y	crude coal tar, creosotes	708-656-5900	**630-548-2164**
#294	**Midwest Generation – Crawford Station,** Midwest Generation, EME LLC	3501 S Pulaski Rd., Chicago IL	Chicago Sanitary and Ship Canal, 318.7	Y	N	diesel, mineral oil, lubricating oil, turbine oil	773-650-5489	**773-650-5402**
#295	**Midwest Generation - Fisk Facility,** Midwest Generation, LLC	1111 W Cermak Rd., Chicago IL	Chicago Sanitary and Ship Canal, 322.1 RDB	Y	N	diesel, mineral oil, turbine lube oil, fuel oil	773-650-5489	**312-491-7502**
#310	**Nalco Chemical Co.**	6216 W 66th Pl., Chicago IL	Chicago Sanitary and Ship Canal, 309	N	N	diesel, aromatics, proc. oil, mineral oil	708-496-5000	**708-496-5247**
#311	**National Railroad Passenger Corp.**	1575 S Lumber St., Chicago IL	Chicago River (S branch), 323.5	N	N	fuel oil, diesel, used oil, lube oil	312-655-3564; 312-880-5310	**847-656-6638**
#346	**Occidental Chemical Corp.,** OxyChem	4201 W 69th St., Chicago IL	None	N	N	fuel oil	773-284-0079	**773-284-0079; 800-733-3665**
#349	**Olympic Oil, Ltd.**	5000 W 41st St., Cicero IL	Chicago Sanitary and Ship Canal, 317.0 LDB	Y	Y	oils, oil blends, additives, petroleum products	708-876-7919	**708-876-7911**
#360	**Perkins Products, Inc.**	7025 W 66th Pl., Bedford Park IL	n/a	N	N	lube oil, aliphatic hydrocarbons	708-458-2000	**708-458-2000**
#362	**Petroleum Fuel and Terminal Co.,** Apex Oil Co., Inc.	4801 S Harlem Ave., Forest View IL	Chicago Sanitary and Ship Canal, 314.5 RDB	Y	N	petroleum products/asphalt, fuel oil	708-788-1611	**815-254-4577**
#374	**Qwest - Chicago CyberCenter,** Qwest Communications Corp.	350 E Cermak Rd., Chicago IL	Lake Michigan	N	N	diesel	312-949-2338	**866-864-2255**

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Illinois Atlas – Map 56, (Continued)

Aboveground Storage Tanks, continued

Icon	Name, Operator	Street Address	Waterbody, River Mile	Response Plan	Marine Transfer	Products Handled	Contact Phone	Emergency Phone
#376	**R.M. Lucas Co.,**	3211 S Wood St., Chicago IL	Chicago River (S branch)	N	N	asphalt cutback, coal tar, naptha, mineral spirits	773-523-4300	**773-343-3211**
#411	**Skytanking - Chicago Midway Airport,** Skytanking USA, Inc.	5401 S Laramie Ave., Chicago IL	n/a	N	N	jet a	773-284-7725	**773-284-7725**
#454	**United Parcel Service,**	1400 S Jefferson St., Chicago IL	Chicago River	Y	N	motor oil, gasoline, vehicle detergents	312-942-7582	**312-942-7582**
#459	**Vantage Oleochemicals**	4650 S Racine Ave., Chicago IL	Chicago Sanitary Canal (branch)	N	N	coconut oil, animal fat, raw materials	773-650-7611	**773-376-9000**

Pipelines

Icon	Company Name, Route Name	Number of Pipes	Diameters	Products Carried	Active	Contact Phone	Emergency Phone
PL12	**BP Pipeline (North America) Inc.,** Whiting to Chicago	1	10	PRD	Y	918-607-4306	**800-548-6482**
PL43	**Buckeye Partners, LP,** West Shore Pipeline	1	10	PRD	Y	610-904-4423	**800-331-4115**
PL59	**Buckeye Partners, LP,** West Shore Pipeline	1	10	PRD	Y	610-904-4423	**800-331-4115**
PL61	**Buckeye Partners, LP,** West Shore Pipeline	1	10	PRD	Y	610-904-4423	**800-331-4115**
PL128	**GATX Terminals Corp.,** Kinder Morgan Liquid Terminals	1	8	PRD	Y	213-624-9461; 714-560-4862	**888-449-7539**
PL129	**GATX Terminals Corp.,** Kinder Morgan Liquid Terminals	1	14	PRD	Y	213-624-9461; 714-560-4862	**888-449-7539**
PL145	**Magellan Pipeline Co.,** Des Moines to Mississippi River #6-12	1	10	PRD	Y	610-904-4423	**800-331-4115**
PL214	**Enterprise Products Co.,** P37	1	14	PRD	Y	708-534-6266; 708-534-8133	**800-530-1050**

Hazardous Materials Storage Sites

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H8	**Aabbitt Adhesives Inc.,** Benjamin B. Sarmas	2403 N Oakley Ave., Chicago	773-227-2700	**773-227-2700**
H17	**Able Electro-Polishing Company,** Metco Treating & Developing Co.	2001 S Kilbourn Ave., Chicago	773-277-1600	**773-277-1600**
H24	**Accu-Labs, Inc.,** Stephen Cornwell	4831 S Whipple, Chicago	773-523-3100	**773-523-3100**
H25	**Accurate Anodizing,** Charles Saporito	3130 S Austin Blvd., Cicero	708-222-5300	**708-222-5300**
H29	**Ace Plating Company,** Michael Holewinsti	3433 W 48th Pl., Chicago	773-927-2711	**773-927-2711**

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Illinois Atlas – Map 56, (Continued)

Hazardous Materials Storage Sites, continued

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H33	**Acid Products Company, Inc.**	600 W 41st St., Chicago	773-254-5222	**773-254-5222**
H51	**ADM Milling Co.,** Archer Daniels Midland	1300 W Carroll Ave., Chicago	312-666-2465	**312-666-2465**
H57	**ADT Security Services,** Tyco Attn: Scott Johnson	101 N Wacker Dr., Chicago	630-327-7582	**630-327-7582**
H58	**ADT Security Services,** Tyco Attn: Scott Johnson	157 W 75th St., Chicago	630-327-7581	**630-327-7581**
H61	**ADT Security Services,** Tyco Attn: Scott Johnson	3027 W Palmer Blvd., Chicago	630-327-7582	**630-327-7582**
H62	**ADT Security Services,** Tyco Attn: Scott Johnson	3235 W Montrose Ave., Chicago	630-327-7583	**630-327-7583**
H66	**ADT Security Services,** Tyco Attn: Scott Johnson	6119 W 26th St., Cicero	630-327-7581	**630-327-7581**
H67	**Advance Display Company,** Raymond Meinsen	1657 N Kostner Ave., Chicago	773-235-0400	**773-235-0400**
H161	**Alsco,** Rick Majewski	2641 S Leavitt St., Chicago	773-579-3350	**773-579-3350**
H176	**American Midwest Chrome Plating & Polishing,** Art Nelson	2300 W 59th St., Chicago	773-918-1606	**773-918-1606**
H190	**Amity Packing,** Terry Samuel	210 N Green St., Chicago	312-942-0270	**312-942-0270**
H202	**Anthony Marano Company,** Anton Marano	3000 S Ashland Ave. Suite 100, Chicago	312-829-5055	**312-829-5055**
H217	**Aramark Uniform and Career Apparel, Inc.**	2334 S Michigan Ave., Chicago	312-225-2100	**312-225-2100**
H218	**Aramark Uniform and Career Apparel, Inc.**	4200 S Halsted, Chicago	773-650-9999	**773-650-9999**
H234	**Ashland Cold Storage Company,** Paul Michalak	1556 W 43rd St., Chicago	773-847-2700	**773-847-2700**
H246	**Automatic Anodizing,** Howard Penner	3340 W Newport Ave., Chicago	773-478-3304	**773-478-3304**
H251	**Avis Commercial Anodizing,** Philip Weimer	522 N Western Ave., Chicago	312-666-7370	**312-666-7370**
H254	**Azteca Foods Inc.,** Arthur Velasquez	5005 S Nagle Ave., Chicago	708-906-0009	**708-906-0009**
H277	**Bay Valley Foods, LLC,** Mike Timm	4401 W 44th Pl., Chicago	773-927-7700	**773-927-7700**
H293	**Berkshire Refrigerated Warehousing, LLC,** Ted Grzywacz	4550 S Packers Ave., Chicago	773-254-2424	**773-254-2424**
H301	**Berteau-Lowell Plating Works,** James Elies	2320 W Fullerton Ave., Chicago	773-276-3135	**773-276-3135**
H310	**Blommer Chocolate Company**	600 W Kinzie Ave., Chicago	312-226-7700	**312-226-7700**
H318	**BNSF - Corwith,** BNSF Railway Company	3611 W 38th St., Chicago	773-579-5085	**800-832-5452**
H355	**Brenntag Great Lakes, LLC,** Jim Walker	4801 S Austin, Stickney Township	773 586-2000	**773 586-2000**

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Illinois Atlas – Map 56, (Continued)

Hazardous Materials Storage Sites, continued

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H357	**Bridgford Foods of Illinois, Inc.**	170 N Green St., Chicago	312-733-0300	**312-733-0300**
H392	**C & D Detergents, Inc.,** Church and Dwight Co, Inc.	6200 W 51st St., Chicago	708-458-4890	**708-458-4890**
H398	**C.G. & S Provision Company, Inc.**	159 N Carpenter St., Chicago	312-243-4117	**312-243-4117**
H407	**Calco Plating, Inc.,** Ronald Hillstrand	414 N Wood St., Chicago	312-337-6201	**312-337-6201**
H414	**Capitol Wholesale Meats,** Joanne Fontanini	911 W 37th Pl., Chicago	773-890-0600	**773-890-0600**
H446	**Cedar Concepts Corporation,** Linda McGill	4342 S Wolcott Ave., Chicago	773-890-5790	**773-890-5790**
H456	**Century Plating Company,** George Koltse	2939-41 N Oakley Ave., Chicago	312-477-1620	**312-477-1620**
H457	**Cenveo**	3001 N Rockwell St., Chicago	773-267-3600	**773-267-3600**
H477	**Chemcentral/Chicago,** David Frede	7050 W 71st St., Bedford Park	708-325-2502	**708-325-2502**
H487	**Chiappetti Wholesale Meat Co.,** Dennis Chiappetti	3900 S Emerald Ave., Chicago	773-847-1556	**773-847-1556**
H488	**Chicago American Manufacturing, LLC**	4500 W 47th St., Chicago	773-376-8600	**773-376-8600**
H489	**Chicago Anodizing Co.**	4112 W Lake St., Chicago	773-533-3737	**773-533-3737**
H490	**Chicago Casting Company, LLC,** Robert Brest	1400 S Laramie Ave., Cicero	708-863-4800	**708-863-4800**
H492	**Chicago Cold Storage Co.**	3534 S Kostner Ave., Chicago	773-843-3200	**773-843-3200**
H493	**Chicago Extruded Metals,** Berkshire Investments, LLC	1601 S 54th Ave., Cicero	708-780-3489	**708-780-3489**
H499	**Chicagoland Quad Cities Express,** Terri Wintermute	7424 S Lockwood Ave., Bedford Park	708-496-3535	**708-496-3535**
H501	**Chilo Mfg. & Plating Co.,** Robert Gebert	2106 S Kedzie, Chicago	773-277-0101	**773-277-0101**
H504	**Chromium Industries Inc.,** Peter J Heidengren	4645 W Chicago Ave., Chicago	773-287-3716	**773-287-3716**
H506	**Cintas Corp.**	6001 W 73rd St., Bedford Park	708-496-1116	**708-496-1116**
H537	**Clorox Products Manufacturing Co.,** The Clorox Company	5064 S Merrimac Ave., Chicago	708-728-4289	**708-728-4289**
H539	**Cloverhill Pastry - Vend Corporation,** Robert J. Gee	2035 N Narragansett Ave., Chicago	773-745-9800	**773-745-9800**
H552	**Cody Metal Finishing, Inc.,** Steve Obert	1620 N Throop St., Chicago	773-252-2026	**773-252-2026**
H561	**Columbus Foods Company**	829 N Troy St., Chicago	773-265-6500	**773-265-6500**
H654	**Craftsman Plating & Tinning Corp.,** James Blacklidge	1250 W Melrose St. (1239 W School St.), Chicago	773-477-1040	**773-477-1040**

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Illinois Atlas – Map 56, (Continued)

Hazardous Materials Storage Sites, continued

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H656	**Crawford Laboratories Inc.,** Benjamin Schmetterer	4165 S Emerald Ave., Chicago	773-376-7132	**773-376-7132**
H686	**Daubert Chemical Company, Inc.**	4700 S Central Ave., Chicago	800-914-0034	**708-496-7350**
H695	**Dearborn A Belden CDT Company – Kerrigan Lewis Wire Products Inc.**	4421 W Rice St., Chicago	773-772-7208	**773-772-7208**
H720	**Donna's Distribution Center,** Dominick's Finer Foods, Inc.	4404 W Ann Lurie Pl., Chicago	708-492-6248	**708-492-6248**
H724	**Doral Plaza Building**	151 N Michigan Ave., Chicago	312-616-7666	**800-809-4340**
H725	**Dover Industrial Chrome, Inc.**	2929 N Campbell Ave., Chicago	773-478-2022	**773-478-2022**
H809	**Elgin Dairy Foods, Inc.**	3707 W Harrison St., Chicago	773-722-7100	**773-722-7100**
H818	**Empire Hard Chrome, Inc.**	1537 S Wood St., Chicago	312-226-7548	**312-226-7548**
H819	**Empire Hard Chrome, Inc.**	1615 Kostner Ave., Chicago	773-762-3156	**773-762-3156**
H823	**Engineered Glass Products LLC Location #1**	2857 S Halsted St., Chicago	312-326-4710	**312-326-4710**
H824	**Engineered Glass Products LLC Location #2**	929 W Exchange Ave., Chicago	312-326-4710	**312-326-4710**
H828	**Engineered Polymer Solutions, Inc. d/b/a Valspar Coatings,** The Valspar Corporation	2841 S Ashland Ave., Chicago	773-650-9442	**773-650-9442**
H857	**Exxonmobil Corporation - Cicero Lube Plant**	3801 S Cicero Ave., Cicero	630.662.5546	**630.662.5546**
H882	**Five Star Laundry - Chicago, LLC,** 5 Star / 5 Diamond Holdings, LLC	1060 W Division St., Chicago	312-944-7827	**312-944-7827**
H884	**Fleischmann's Vinegar Company, Inc.**	4801 S Oakley Ave., Chicago	773-523-2817	**773-523-2817**
H898	**Fotofabrication Corporation**	3758 W Belmont Ave., Chicago	773-463-6211	**773-463-6211**
H927	**Fulton Market Cold Storage Co., LLC**	1000 W Fulton, Chicago	312-738-9330	**312-738-9330**
H931	**G.E Mathis Company**	6100 S Oak Park Ave., Chicago	773-586-3800	**773-586-3800**
H941	**Gas City Ltd-67**	6701 S Pulaski Rd., Chicago	Unknown	**Unknown**
H954	**Gatto Industrial Platers, Inc**	4620 W Roosevelt Rd., Chicago	773-287-0100	**773-287-0100**
H957	**GE Consumer and Industrial**	1543 S 54th Ave., Cicero	708-780-2600	**708-780-2600**
H964	**GE Zenith Controls**	830 W 40th St., Chicago	773-299-6690	**773-299-6690**
H975	**General Electric International Inc.,** General Electric Company	6045 S Nottingham Ave., Chicago	773-229-2000	**773-229-2000**

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Illinois Atlas – Map 56, (Continued)

Hazardous Materials Storage Sites, continued

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H978	**General Packaging Products, Inc.**	1700 S Canal St., Chicago	312-226-5611	**312-226-5611**
H983	**Georgia Pacific Resins, Inc.**, Georgia-Pacific Resins, Inc.	7201 W 65th St., Bedford Park	708-458-8450	**708-458-8450**
H994	**Global Crossing - Chicago 30 South**	30 S Wacker Dr. Suite 1701, Chicago	312-281-2138	**312-281-2138**
H995	**Global Crossing – Chicago Switching Operations,** Lincoln Romain	101 N Wacker Dr. Suite 310, Chicago	312-263-1784	**312-263-1784**
H1010	**Graham Packaging Plastic Products,** Graham Packaging Company	5000 S Major Ave., Chicago	708-594-4955	**708-594-4955**
H1021	**Gravure Process Company**	4179 W Belmont Ave., Chicago	773-777-5505	**773-777-5505**
H1029	**Griffin Plating Co., Inc.**	1636 W Armitage Ave., Chicago	773-342-5181	**773-342-5181**
H1030	**Griffith Laboratories U.S.A., Inc.**	1437 W 37th St., Chicago	773-523-7509	**773-523-7509**
H1037	**Guernsey Bel, Inc.**	4300 S Morgan St., Chicago	773-927-4000	**773-927-4000**
H1039	**Gutmann Leather, LLC**	1511 W Webster Ave., Chicago	773-348-0003	**773-348-5300**
H1040	**H. Kramer & Co..**	1345 W 21st St., Chicago	312-226-6600	**312-226-6600**
H1111	**Home Run Inn**	4254 W 31st. St., Chicago	773-247-9696	**773-247-9696**
H1115	**Horween Leather Company**	2015 N Elston Ave., Chicago	773-772-2026	**773-772-2026**
H1119	**HRR Enterprises, Inc.**	2129 W Pershing Rd., Chicago	773-376-7735	**773-376-7735**
H1120	**Hu-Friedy Mfg. Company**	3232 N Rockwell St., Chicago	773-975-6100	**773-975-6100**
H1126	**I. Jacobs Sausage Company**	4649 W Armitage, Chicago	773-237-8700	**773-237-8700**
H1176	**Imperial Plating Co.**	7030 W 60th St., Chicago	773-586-3500	**773-586-3500**
H1194	**International Casings Group, Inc.**	4420 S Wolcott Ave., Chicago	773-376-9200	**773-376-9200**
H1207	**INX International Ink Company - Mason Ave.**	5001 S Mason Ave., Chicago	708-496-3600	**708-496-3600**
H1231	**ITT McDonnell & Miller,** ITT Industries	3500 N Spaulding Ave., Chicago	773-267-1600	**773-267-1600**
H1252	**Jacob Anodizing Corporation**	3434 W Henderson St., Chicago	773-588-4100	**773-588-4100**
H1255	**Jardine Water Purification Plant,** City of Chicago, Dept. Of Water Management	1000 E Ohio St., Chicago	312-744-3697	**312-744-3697**
H1257	**Jefferson Ice Co.**	2248 N Natchez, Chicago	773-622-9400	**773-622-9400**

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Illinois Atlas – Map 56, (Continued)

Hazardous Materials Storage Sites, continued

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H1262	**Jensen Plating Works, Inc.**	1842 N Western Ave., Chicago	773-252-7733	**773-252-7733**
H1266	**Jlo Metal Products, Inc.**	5841 W Dickens Ave., Chicago	773-889-6242	**773-889-6242**
H1274	**John Hofmeister & Son, Inc.**	2386 S Blue Island Ave., Chicago	773-847-0700	**773-847-0700**
H1284	**Keebler Company**	2945 W 31st St., Chicago	773-254-0900	**773-254-0900**
H1298	**King Kold Frozen Specialties**	837 N California Ave., Chicago	773-278-7711	**773-278-7711**
H1306	**Koch Foods of Chicago - Berteau Ave Facility**	4404 W Berteau Ave., Chicago	773-286-4343	**773-286-4343**
H1319	**Koppers, Inc.**	3900 S Laramie Ave., Cicero	708-656-5900	**708-656-5900**
H1328	**Kraft Foods Global, Inc. - Chicago Kedzie Avenue**	7300 S Kedzie Ave., Chicago	773-925-4300	**773-925-4300**
H1334	**Krel Laboratories, Inc.**	382 N Avers Ave., Chicago	773-826-4487	**773-826-4487**
H1335	**Krel Laboratories, Inc.**	383 N Avers Ave., Chicago	773-826-4487	**773-826-4487**
H1336	**Krel Laboratories, Inc.**	388 N Avers Ave., Chicago	773-826-4487	**773-826-4487**
H1338	**Kronos products**	4501 W Dist. Blvd., Chicago	773-847-2250	**773-847-2250**
H1380	**Lang Ice Company**	101 W 60th St., Chicago	773-735-5000	**773-735-5000**
H1381	**Lang Ice Company**	3604 W 59th St., Chicago	773-735-5000	**773-735-5000**
H1402	**Leon's Sausage Company**	1143 W Lake St., Chicago	312-829-2250	**312-829-2250**
H1406	**Libra Industries, Inc.**	1823 W Webster, Chicago	773-276-7500	**773-276-7500**
H1407	**Life-Like Products, LLC**	1830 N Kostner Ave., Chicago	773-772-4444	**773-772-4444**
H1486	**Masterfoods USA A Division of Mars, Inc.**	2019 N Oak Park Ave., Chicago	773-637-3000	**773-637-3000**
H1490	**Mayfair Lumber Co.**	4825 W Lawrence Ave., Chicago	773-283-3300	**773-283-3300**
H1505	**MDE Thermal Technologies, Inc. - Plant 3**	300 E Randolph St., Chicago	312-634-3242	**312-634-3242**
H1523	**Metal Finishing Research Corp.,** Heatbath Corporation	4025 S Princeton Ave., Chicago	773-373-0800	**773-373-0800**
H1525	**Metal Management Midwest, Inc. - City Centre**	350 N Artesian, Chicago	312-666-4100	**312-666-4100**
H1527	**Metal Management Midwest, Inc. - Paulina**	2500 S Paulina, Chicago	773-254-1200	**773-254-1200**
H1542	**Mickey's Towel and Linen Supply**	4501 W Addison St., Chicago	773-545-7211	**773-545-7211**

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Illinois Atlas – Map 56, (Continued)

Hazardous Materials Storage Sites, continued

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H1551	**Midwest Generation, LLC - Crawford Station**	3501 S Pulaski Rd., Chicago	773-650-5489	**773-650-5489**
H1552	**Midwest Generation, LLC - Fisk Station**	1111 W Cermak Rd., Chicago	312-738-4122	**312-738-4122**
H1571	**Midwestern Rust Proof, Inc.**	3636 N Kilbourn Ave., Chicago	773-725-6636	**773-725-6636**
H1572	**Mike's Anodizing Company**	859 N Spaulding, Chicago	773-722-5778	**773-722-5778**
H1609	**Morse Automotive Corporation**	4130 Morgan St., Chicago	773-843-9000	**773-843-9000**
H1620	**MPEA Energy Center,** Metropolitan Pier and Exposition Authority	2211 S Martin Luther King Jr. Dr., Chicago	312-567-8281	**312-567-8281**
H1633	**MWRDGC,** Metropolitan Water Reclamation District	6001 W Pershing Rd., Cicero	708-588-4000	**708-588-4000**
H1642	**MWRDGC-Racine Ave. Pumping Station,** Metropolitan Water Reclamation District	3838 S Racine Ave., Chicago	708-588-4000	**708-588-4000**
H1649	**Nalco Co.**	6216 W 66th Place, Chicago	708-496-5000	**708-496-5000**
H1653	**Narchem Corporation**	3800 W 38th St., Chicago	773-376-8666	**773-376-8666**
H1656	**National Casein Company**	601 W 80th St., Chicago	773-846-7300	**773-846-7300**
H1657	**National Container Group, LLC**	3620 W 38th St., Chicago	773-847-7575	**773-847-7575**
H1661	**National Railroad Passenger Corp. (Amtrak)**	1575 S Lumber St., Chicago	312-655-3564	**312-655-3564**
H1675	**Neutral Tandem, Inc.**	717 S Wells St. Suite 700, Chicago	312-235-0901	**312-235-0901**
H1678	**New Metal Crafts, Inc.**	1308 N Elston Ave., Chicago	773-342-6079	**773-342-6079**
H1684	**Nickel Composite Coatings, Inc.**	6454 W 74th St., Bedford Park	708-563-2780	**708-563-2780**
H1689	**Nobert Plating Company - Plant #1**	340 N Ashland Ave., Chicago	312-421-4040	**312-421-4040**
H1690	**Nobert Plating Company - Plant #2**	1445 N Pulaski Rd., Chicago	312-421-4040	**312-421-4040**
H1695	**North American Warehousing Co.,** NAWC Holding Co.	6800 W 68th St., Bedford Park	708-594-5380	**708-594-5380**
H1706	**Northwestern Memorial Hospital**	251 E Huron St., Chicago	312-926-2000	**312-926-2000**
H1711	**Nu-Art Facility**	6247 W 74th St., Bedford Park	708-496-4900	**708-496-4900**
H1715	**O&K American Corp.**	4630 W 55th St., Chicago	773-767-2500	**773-767-2500**
H1732	**On-Cor Frozen Foods**	1227 W Fulton St., Chicago	312-738-1040	**312-738-1040**

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Illinois Atlas – Map 56, (Continued)

Hazardous Materials Storage Sites, continued

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H1741	**OSI Chicago Campus (Formally OSI Industries-Otto & Sons Stockyards)**	4545 Racine Ave., Chicago	773-847-2000	**773-847-2000**
H1748	**P&H Plating Co., Inc.**	3416 W Belmont Ave., Chicago	847-772-1368	**847-772-1368**
H1751	**Packaging Corporation of Illinois**	5133 W 65th St., Bedford Park	708-821-1600	**708-821-1600**
H1800	**Pepsi Americas, Inc.**	650 W 51st St., Chicago	773-451-4500	**773-451-4500**
H1816	**Phelps Dodge Chicago Rod - #000367**	2324 S Kenneth Ave., Chicago	773-522-5036	**773-522-5036**
H1869	**Prairie Material Sales, Inc. - Yard 32**	865 N Peoria St., Chicago	708-563-6281	**708-563-6281**
H1870	**Prairie Material Sales, Inc. - Yard 33,**	3300 S California Ave., Chicago	708-563-6286	**708-563-6286**
H1896	**Pro-Tec Metal Finishing Corporation**	1428 N Kilpatrick Ave., Chicago	773-384-7853	**773-384-7853**
H1916	**R. M. Lucas Co.**	3211 S Wood St., Chicago	773-523-4300	**773-523-4300**
H1920	**R. R. Street & Co., Inc.**	2353 S Blue Island Ave., Chicago	773-254-2088	**773-254-2088**
H1937	**Reliable Anodizing Corporation,** Reliable Planting & Anodizing Corporation	927 S Cicero Ave., Chicago	773-626-5214	**773-626-5214**
H1939	**Reliable Plating Corporation**	1514-1538 W Lake St., Chicago	312-421-4747	**312-421-4747**
H1941	**Remet Corporation**	1615 W 15th St., Chicago	312-666-9850	**312-666-9850**
H1943	**Rexam Beverage Can Company,** Rexam BCA	1101 W 43rd St., Chicago	773-247-4646	**773-247-4646**
H1954	**Rippel Architectural Metals, Inc.**	1525 N Kilpatrick Ave., Chicago	773-772-0600	**773-772-0600**
H2002	**Rohm and Haas Chemicals LLC – FKA: Morton International,** Dow Chemical Co.	1645 S Kilbourn Ave., Chicago	773-521-7000	**773-521-7000**
H2005	**Rose Packing Company**	4900 S Major, Chicago	708-458-9300	**708-458-9300**
H2010	**Royal Crown Bottling Company of Chicago**	2801 W 47th St., Chicago	773-376-7000	**800-558-6207**
H2044	**Ryerson Tull,** Joseph T. Ryerson & Son	2621 W 15th Pl., Chicago	773-762-2121	**773-762-2121**
H2054	**Saporito Finishing Company**	3119 S Austin Blvd., Cicero	708-222-5300	**708-222-5300**
H2055	**Sara Lee Coffee & Tea North America,** Sara Lee / DE International BV	2278 N Elston Ave., Chicago	773-799-7321	**773-799-7321**
H2058	**Sara Lee Food & Beverage Chicago Facility,** Sara Lee Corporation	1000 W Pershing Rd., Chicago	773-650-6391	**773-650-6391**
H2067	**Scientific Plating Company, Inc.**	2073 N Southport Ave., Chicago	773-929-4306	**773-929-4306**

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Illinois Atlas – Map 56, (Continued)

Hazardous Materials Storage Sites, continued

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H2069	**Speciality Foods Group**	4550 W Jackson Blvd., Chicago	773-378-1300	773-378-1300
H2095	**Skild Plating Corp.**	1516 18 N Kilpatrick Ave., Chicago	773-227-0262	773-227-0262
H2115	**South Chicago Packing, Inc.,** Ed Miniat	945 W 38th St., Chicago	773-579-6314	773-579-6314
H2134	**Spacenet, Inc.**	3111 S Western Ave., Chicago	773-475-4024	773-475-4024
H2137	**Specified Plating Company**	320 N Harding Ave., Chicago	773-826-4501	773-826-4501
H2172	**Sterling Plating, Inc.**	4629 N Ronald St., Harwood Heights	708-867-6587	708-867-6587
H2201	**Sweetheart Cup Company, Inc.**	7575 S Kostner, Chicago	773-767-3311	773-767-3311
H2252	**The Stutz Company**	4450 W Carroll Ave., Chicago	773-287-1068	773-287-1068
H2257	**The Welding Center, Inc.**	7400 S Central Ave., Bedford Park	708-728-9353	708-728-9353
H2267	**TIN Inc. d/b/a Temple Inland,** Inland Display & Packaging Solutions	2555 S Leavitt St., Chicago	773-376-8100	773-376-8100
H2290	**Traylek Warehouse,** Traylek Warehouse, Inc.	6501 W 65th St., Bedford Park	708-594-7170	708-594-7170
H2305	**Turtle Wax, Inc.**	5655 W 73rd St., Bedford Park	708-563-3600	708-563-3600
H2323	**Tyson Foods, Inc.,** Mike Norsen	4201 S Ashland Ave., Chicago	817-312-9319	817-312-9319
H2329	**U.S. Foodservice - Chicago Stock Yards Packing,** U.S. Foodservice, Inc.	340 N Oakley Blvd., Chicago	312-525-8700	312-525-8700
H2337	**UBS Ag,** Gerry Yumping	1 N Wacker Dr., Chicago	312-525-5610	312-525-5610
H2342	**Unilever Supply Chain, Inc.**	2816 S Kilbourn, Chicago	773-247-5800	773-247-5800
H2347	**United Airlines**	5700 S Cicero Ave, Chicago	773-585-4060	773-585-4060
H2353	**United Metal Finishers, Inc.**	4600 W Palmer St., Chicago	773-489-7200	773-489-7200
H2362	**United States Cellular Operating Company of Chicago, LLC U.S. C**	6751 S Jefferey, Chicago	773-399-4193	773-399-4193
H2368	**United States Postal Service South Suburban P&DC/ Vechicle Maintenance F**	6801 W 73rd St., Bedford Park	708-563-7377	708-563-7377
H2375	**Unity Manufacturing Company**	1260 N Clybourn Ave., Chicago	312-943-5200	312-943-5200
H2443	**Vitality Foodservice Inc.**	1821 S Kilbourn, Chicago	773-762-7022	773-762-7022
H2445	**W. R. Grace & Co. - Conn**	4099 W 71St St., Chicago	773-838-3200	773-838-3200

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Illinois Atlas – Map 56, (Continued)

Hazardous Materials Storage Sites, continued

For a list of chemicals, refer to the Hazardous Materials database.

Icon	Name, Operator	Street Address	Contact Phone	Emergency Phone
H2447	**W. H. Salisbury & Co.**	401 N Morgan St., Chicago	312-421-4850	**312-421-4850**
H2469	**Water Saver Faucet Company**	701 W Erie St., Chicago	312-666-5500	**312-666-5500**
H2486	**West Town Plating, Inc.**	5243 W 25th Pl., Cicero	708-652-1600	**708-652-1600**
H2487	**Western Piece Dyers & Finishers**	2845 W 48th St., Chicago	773-523-7000	**773-523-7000**
H2498	**White Castle System, Inc.**	4900 W 73rd St., Bedford Park	708-458-4450	**708-458-4450**
H2501	**Wilkens-Anderson Co.**	4525 W Division St., Chicago	773-384-4433	**773-384-4433**
H2513	**World's Finest Chocolate**	4801 S Lawndale Ave., Chicago	773-847-4600	**773-847-4600**
H2514	**Wrico Packaging,** Wm Wrigley Jr Company	3617 S Ashland Ave., Chicago	563-587-4850	**773-523-9190**
H2517	**Yale Polisher & Platers, Inc.**	5247 S Keeler Ave., Chicago	773-582-2262	**773-582-2262**

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