pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised 2/2/26
DEP USE ONLY
Date Received

FORM L
CONTINGENCY PLAN FOR EMERGENCY PROCEDURES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form L, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General References: 273.181; 277.181; 279.109; 281.141; 283.110; 288.171; 289.163; 293.109; 295.141; 297.111; 299.216

SECTION A. SITE IDENTIFIER

Applicant/permittee: Commonwealth Enviromental Systems, LP

Site Name: Commonwealth Enviromental Systems, LP

Facility ID (as issued by DEP): 101615

SECTION B. CHECK TYPE OF FACILITY

Municipal Waste Landfill	☒	Residual Waste Disposal Impoundment	☐
Construction/Demolition Waste Landfill	☐	Residual Waste Composting Facility	☐
Composting Facility	☐	Land Application of Residual Wastes	☐
Demonstration Facility	☐	Residual Waste Demonstration Facility	☐
Transfer Facility	☐	Residual Waste Transfer Facility	☐
Incinerator or Resource Recovery Facility	☐	Residual Waste Incinerator	☐
Other Waste Processing Facility	☐	Oil and Gas Wastewater Storage Impoundment	☐
Residual Waste Landfill	☐	Other Residual Waste Processing Facility	☐

SECTION C. CONTINGENCY PLAN

A contingency plan, relating to emergency procedures, must be developed and implemented for the proposed waste management facility. The plan must include a Preparedness, Prevention and Contingency Plan (PPC Plan) that is consistent with the Department's most recent guidelines, #400-2200-001, titled, Development and Implementation of Environmental Emergency Response Plans (http://www.dep.state.pa.us/dep/deputate/airwaste/wm/mrw/forms/master-forms.htm). The format is that of the PPC Plan guidelines. In addition, the contingency plan must contain provisions that require routine drills and equipment tests targeted at preventing hazards at the facility. These additional provisions should appear at various locations in the PPC Plan Guidelines, as follows:

1. In addition to the requirements of Section II-C (Spill Leak Prevention and Response) of the PPC Plan guidelines, describe how the proposed facility will be designed, constructed, maintained, and operated to prevent and minimize potential for fire, explosion or release of solid waste constituents to the air, water or land. As part of this Section, include but do not limit information to site maps, product storage areas, transfer areas, process/handling areas, truck and railcar loading and unloading areas, and waste handling and storage areas. It will also be necessary to address the trucking of leachate, whether permanent or temporary, in this Section of the PPC Plan.
2. For municipal and residual waste landfill, construction/demolition waste landfill, and residual waste disposal impoundment applications:
   a) In addition to the requirements of Section II-D.5 (Emergency Equipment Available for Response) of the PPC Plan guidelines, indicate the available first aid facilities, their location(s) at the facility, and procedures for their proper management and maintenance.
3. For resource recovery facility and other municipal or residual waste processing facility applications:
   a) In addition to the requirements of Section II-C.8 (Employee Training Program) of the PPC Plan Guidelines, describe the development of an Accident Prevention and Safety Plan to protect employees and patrons of the facility. The Accident Prevention and Safety Plan must include:

SECTION C. (Continued)

i) The development of an employee safety handbook, to be issued to each employee

ii) Special operating procedures for potentially dangerous activities, which will be posted in relevant operating areas

iii) A schedule of ongoing safety programs that must be conducted, as required

iv) Emergency telephone numbers and basic procedures for first aid which will be posted throughout the facility

b) In Section II-A.2 (Emergency Response Plans) of the PPC Plan Guidelines, explain State and Federal laws pertaining to occupational safety and their implementation, as well as the implementation of operation, safety and maintenance procedures recommended by the designers or manufacturers of equipment at the facility.

c) In Section II-C.4 (Preventive Maintenance) of the PPC Plan Guidelines, explain how proper ventilation of the facility will be conducted. Further, describe how open burning will be prevented.

4. Provide an up-to-date list of all available emergency equipment. The list must include the location, a physical description, maintenance and testing schedule, and a brief description of the intended use and capabilities of each item on the list. In addition, for each of the types of equipment identified below, check a box to indicate whether it will be available for use during an emergency, and include specific information in the respective section of the PPC Plan. If you check "Available," identify the specific equipment which will be used. If you check "Not Available," explain in detail why such equipment is not necessary to protect public health, safety, public welfare, and the environment during an emergency:

Available	Not Available		
☒	☐	a.	Internal Communication or Alarm System (incorporate into Section II-D.3 (Internal and External Communication and Alarm System) of PPC Plan)
☒	☐	b.	Communication system capable of summoning emergency assistance. (incorporate into Section II-D.3 of PPC Plan)
☒	☐	c.	Portable Fire Extinguishers (incorporate into Section II-D.5 (Emergency Equipment Available for Response) of PPC Plan)
☒	☐	d-1.	Fire Control Equipment for Landfill (incorporate into Section II-D.5 of PPC Plan)
☐	☐	d-2.	Fire Control Equipment for Resource Recovery Facility, Transfer Station, and Composting Facility – describe the facility water supply, and quantity and pressure of water needed to supply equipment. (incorporate into Section II-D.5 of PPC Plan)
☒	☐	e.	Spill Control Equipment (incorporate into Sections II-E (Emergency Control Network); II-C.3 (Inspection and Monitoring Program), II-C.4 (Preventive Maintenance); and II-C.5 (Housekeeping Program); and II-D.5 of PPC Plan)
☒	☐	f.	Decontamination Equipment (incorporate into Section II-D.5 of PPC Plan)
☒	☐	g.	Portable Gas Explosimeters (incorporate into Section II-D.5 of PPC Plan)
☒	☐	h.	Other Gas Monitoring Equipment (incorporate into Section II-D.5 of PPC Plan)

5. In addition to the requirements of Section II-B.3 (Duties and Responsibilities of the Coordinator) of the PPC Plan guidelines, describe how adequate space will be maintained to allow the unobstructed movement of emergency personnel and equipment to any operating area of the facility. Explain what measures will be taken to provide emergency agencies with the specific PPC Plan for the facility, as well as if the facility will continue to operate in the event of an emergency.

SECTION D. IMPLEMENTATION OF THE CONTINGENCY PLAN

The operator of the facility shall immediately implement the applicable provisions of the approved contingency plan in the event of an emergency. The term “emergency” includes a fire, spill or other event that threatens public health, safety, public welfare, or the environment, and personal injury.

In addition to the requirements of Section II-B.3 and Appendix I (Examples of an Emergency Coordinator’s Duties and Responsibilities) of the PPC Plan guidelines, explain the duties and responsibilities of the emergency coordinator of the facility, using the following as guidance.

In the event of an emergency, the operator shall:

1. Make an assessment of actual or potential hazards to public health and safety, public welfare and the environment, that are occurring or may occur.

2. Ensure that fires, spills or other hazards do not occur, reoccur or spread to other solid waste at the facility.

3. Immediately phone the local and/or county and the Department's emergency management agency, and report the following:

   a. name and phone number of person reporting the incident;

   b. name, address, and permit number of the facility;

   c. date, time and location of emergency;

   d. description of the nature of the emergency;

   e. type and quantity of solid waste involved;

   f. existence of dangers to public health, safety, public welfare, and the environment;

   g. nature of injuries; and

   h. parts of the contingency plan being implemented to alleviate the emergency.

4. After an emergency, the operator shall:

   a. clean up the affected area;

   b. treat, store or dispose of recovered solid waste, contaminated soil or contaminated waste in a manner approved by the Department. Testing of the affected area may be necessary to assure that spilled contaminants have been removed adequately; and

   c. prevent disposal, processing, storage or treatment of solid waste in the area affected by the emergency until the operator has cleaned up the area, and the Department has inspected and approved the cleanup.

See attached Integrated Contingency Plan updated 2025

INTEGRATED CONTINGENCY PLAN
(PPC, SPR, SPCC)

COMMONWEALTH ENVIRONMENTAL SYSTEMS, L.P.

99 COMMONWEALTH ROAD

HEGINS, PA

Date of Initial Plan: Feb. 2015
Date of Plan Revision: June 2025

Table of Contents

ATTACHMENT 1 SITE LOCATION MAP
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ATTACHMENT 4 Description of Potential Spill Areas

A. Description of Facility

1. Site Operations

Commonwealth Environmental Systems, L.P (CES) is a Municipal Solid Waste Sanitary Landfill located in Foster Township, Schuylkill County. The landfill's main entrance is located on Route 25, approximately one mile from Interstate 81 at the Hegins Exit. The Landfill operates under Permit # 101615 issued by the Pennsylvania Department of Environmental Protection (PA DEP) on December 21, 1994. It is designed to comply with all requirements of PA DEP Chapter 273 double liner system and other regulations pertaining to the disposal of solid waste. See Figure 1 (Site Location Map).

CES contains a state-of the art leachate treatment facility installed and put online in 2012. Leachate is collected, treated and discharged to a tributary of Swatara Creek. The facility also can discharge to the sanitary sewer system operated by the Schuylkill County Municipal Authority at Gordon or utilize the treated water on site for dust control. The site has a comprehensive storm water management, erosion/sedimentation control program and holds an NPDES Permit for the discharge of storm water to Gebhard Run and Swatara Creek.

CES operates a quarry on site in direct support of the landfill operations. The quarry provides cover material, subbase and liner aggregate, rip rap and other crushed stone utilized on site for storm water retention/drainage structures and sedimentation control.

Currently CES conveys most of its composite gas to BIOGAS,LLC a subsidiary of ARCHAEA Energy,LLC with a small amount going to Keystone Potato Products, LLC. The BIOGAS facility converts the gas to UGI pipeline quality natural gas. Keystone Potato Products utilizes the gas to operate their plant's boiler. During times when BIOGAS is performing maintenance or upgrades CES will flare the gas on-site.

2. Existing Emergency Response Plan

CES has developed this Integrated Contingency Plan (ICP) in order to respond to an emergency situation in a professional manner. The Preparedness, Prevention and Contingency (PPC) Plan and the Spill Prevention Response (SPR) Plan were combined to form the structure of the ICP with the Spill Prevention, Control and Countermeasure (SPCC) Plan added as an Appendix (Appendix G). These, and other plans, have been developed over the years (i.e. Radiation Action Plan) and have been submitted to and approved by Pa DEP and local response agencies as appropriate. These plans have been incorporated into the ICP wherever possible to provide a document useful to the facility staff and protective of public health, safety and the environment. CES reviews these plans annually to ensure the information is current, accurate and appropriate to existing site conditions. Copies of these plans are maintained in the office of the Site Manager, the Compliance Manager, and the corporate offices in Dunmore, PA. They are listed in Appendix A of this plan.

3. Materials and Waste Inventory

CES stores and uses a variety of materials on site in the normal course of business. These include fuels, lubricants, industrial cleaners, equipment additives, construction grouts and cements, and chemicals associated with wastewater treatment. In addition, we use a number of household cleaners to maintain our administrative offices. A listing of the materials stored in significant quantities and their location can be found in Appendix B attached.

An inventory of chemicals used and /or stored on site is maintained in the Administration Office. The common name, trade name, purchase source, quantity and their location on site are maintained in accordance with the Hazardous Material Emergency Planning and Response Act and SARA Title III requirements. Annual Tier II reports are filed as required. Safety Data Sheets (SDS) are kept for all chemicals used on site. A master copy of SDS is kept in the Administrative Building and sheets specific to general areas of the facility are kept in those areas. A summary list of materials for which SDS sheets are maintained can be found in Appendix C.

4. Pollution Incident History

CES has not had an off-site release of chemical, hazardous material or fuel since the facility has been permitted at this location. Minor releases on- site from trucks entering the facility or equipment operating on site have been cleaned up by CES staff or contractors and disposed properly. One minor release of untreated leachate occurred on 9/27/21 see Table 1 "Pollution Incident History"

5. Implementation Schedule

The information contained in this plan is current and has been implemented.
The plan was last reviewed in 2024. An annual review period will be maintained.

B. Plan Implementation by Organization

1. Organizational Structure

Site Manager / Safety Officer /Emergency Coordinator

The Site Manager / Safety Officer is responsible for the overall operation and safety of the site. He has authority over all incidents and decisions on site. He, along with the Assistant Site Manager and the Compliance Manager, will periodically review the ICP for completeness and effectiveness. They have the authority to update or modify the plan as necessary. The Site Manager will also serve as the Emergency Coordinator in most cases.

Compliance Manager

The Compliance Manager is responsible for the facility's conformance with all regulatory statutes pertaining to water and solid waste; the wastewater treatment plant and discharge; and the radiation monitoring program . He/she will assist the Site Manager during emergencies as needed and may serve as the liaison between the facility and the off-site emergency services if requested. This is done under the direct supervision of the Site Manager.

The Compliance Manager or his designee, working under the direct supervision of the Site Manager, shall have the authority to develop, implement, and maintain the Integrated Contingency Plan (ICP) and other response plans as needed. Additionally, the Compliance Manager is responsible for the identification of potential risks at the working face, leachate storage and treatment facility, shop, and quarry. Inspections of these areas are completed daily or weekly and potential risks assessed and evaluated. Controls are developed to address these findings.

Assistant Site Manager

The Assistant Site Manager is responsible for landfill construction, supervision of landfill and shop operations and the quarry. He will direct his employees and equipment during an emergency to assist in the response as needed. He will follow the direction of the Site Manager / Emergency Coordinator or may be designated to be the Emergency Coordinator.

Wastewater Plant Operator

The Wastewater Plant Operator is responsible for all activities at the wastewater treatment plant. He will directly coordinate the plant's employees and equipment during an emergency. He may be called upon to assist in the emergency as needed. He will follow the direction of the Site Manager and Emergency Coordinator.

Additionally-

The site mechanic and staff are responsible for the preventive maintenance of the equipment and machinery. They will also make repairs to equipment and machines as needed to ensure their availability for normal landfill operation and readiness in the event of an emergency.

The staff at the working face of the landfill inspect the solid waste that enters the landfill for disposal, ensuring that the refuse is acceptable, it is not hazardous, and meets the landfills permit requirements. The inspection staff is trained in what to look for and is kept abreast of new Residual Waste approvals.

2. List of Emergency Coordinators	Office Phone	Cell Phone
Mike Piepoli	570/695-3590	570/878-3607
Frank Wanko	570/695-3590	570/650-3751

3. Duties and Responsibilities of the CES Emergency Coordinator

The Emergency Coordinator (EC) is responsible for assessing each emergency or potential emergency arising on site and will determine the appropriate response. This will include a determination of potential off-site impact to public health and safety and the environment. This information will be immediately conveyed to the Site Manager with a recommendation of corrective or response action. The EC will ensure that necessary notifications are made to off site emergency responders and Regulatory Agencies. He will then coordinate all emergency efforts between CES personnel, off site responders, government agencies and other support groups as needed. In most instances, the Site Manager will also be the Emergency Coordinator.

4. Chain-of-Command

The Site Manager is ultimately responsible for the overall operation and safety on the site. He will be the one in charge in the event of an emergency on site. The Site Manager will be assisted by a team of CES managers (Site Emergency Team) comprised of the Assistant Site Manager, Compliance Manager and appropriate site staff as needed. They will assist in coordination of the incident with the Site Manager.

C. Spill/Leak Prevention and Response

1. Pre-Release Planning

Spills or leaks of materials which would present an emergency, are not expected during the course of normal operation of the landfill. However, despite inspections of incoming trucks, certifications of tanks and proper handling of chemicals, it is possible that a material with the potential for necessitating an emergency response can be released or conveyed to the site. Recognizing that the unexpected can occur, CES has developed procedures to prevent or minimize these events.

A variety of absorbents are staged at the Shop and the Treatment Plant since these areas are the most likely to have a spill occur. Small spills in the Shop itself can be contained with absorbents since drains are plugged to prevent migration. Larger spills that leave the building will be contained by earth moving equipment utilized in multiple areas of the site. Any material escaping initial containment in these areas would flow toward the storm water collection system and ultimately the storm water retention ponds. The only outlet from the pond is controlled and any material spilled will be retained for removal at this point. The storm water collection system is the fail safe to other spill control measures undertaken on site.

All the tanks containing fuel oil have spill protection by double wall construction or exterior metal containment. Both types have storage capacity greater than that of the tank they protect. However, if the containment did fail, the material would be controlled as described above. Any material escaping containment would soak into the soil or flow toward the storm water collection system previously described. Contaminated soil would be excavated immediately, staged for sampling and disposed appropriately.

Although the facility storm water management system is the failsafe in the event of a major spill, every effort will be made to control and remove material before it reaches a drainage structure. The abundance of earth moving equipment and material suitable for constructing dikes on site at all times makes migration of large amounts of spilled materials unlikely.

Storm water is diverted away from areas where fuels, lubricants and fluids are stored and/or used routinely to minimize the potential for transmitting pollutants from these areas to the storm water retention basins.

Spills in the treatment plant building are contained to that facility. The spilled material can only leave the building through the drain line leading to the influent sump and cannot flow out by gravity. The quantity of materials stored at this location is smaller than that at the shop location, but the materials are more hazardous by nature. Contract personnel would be utilized as needed to mitigate and re-mediate spills in this location. Facility personnel would turn off all pumps and treatment units and retreat to a safe area until contractors arrived.

Any material that was to spill from a truck entering or leaving the facility would be of relatively small quantity and would by held by the soil for excavation and removal. If the material were to flow, the storm water retention basins would be the ultimate destination, and removal would occur as previously described.

2. Material Compatibility

All Residual Waste streams proposed for disposal at CES are reviewed for physical and chemical composition prior to approval by PADEP. The review process ensures that the materials accepted are compatible with the liner material and other wastes being accepted by CES.

Fuels, chemicals and cleaning materials used on site are stored in sound tanks or containers made of materials compatible with their contents. Incompatible materials are not stored in proximity to one another in the event of leak or spillage.

Any materials spilled on site would be tested for the same compatibility traits as wastes we normally receive, and disposal would occur off site if necessary.

3. Inspection and Monitoring Program

Petroleum products and chemical storage and use areas are inspected regularly to ensure problems are detected early on and before a release occurs. Above ground storage tanks (AST's) and their associated piping are inspected monthly. Results of those inspections are recorded and records maintained by the Compliance Manager.

Areas where smaller quantities of fuels, lubricants and chemicals are stored and used are inspected daily by those employees using the materials. There are no formal record keeping documents of these areas but any irregularities are reported to their supervisor immediately.

Underground storage tanks (UST's) and associated piping, used for gasoline and oil storage, are inspected routinely by a certified tank installer on a schedule specified by regulation. The results of those inspections are kept at the Administration Building and are available upon request.

Annual storm water site inspections are performed by the Compliance Manager. The following areas, activities and practices are evaluated during these visual inspections:

- Areas where materials or activities are exposed to storm water.
- Areas identified in this plan as potential pollutant sources.
- Areas where spills or leaks have occurred in the past three years.
- Spill response equipment.
- Storm water Outfall 001and locations were authorized non-Storm water discharges may comingle.
- Sediment and erosion control measures; and
- Other physical storm water best management practices (BMPs) used at the site.

Based on the results of these inspections, the potential pollutant sources identified in Section C of this plan and control measures, including good housekeeping preventative maintenance, spill prevention and response will be revised within 15 days of the inspection. Revisions to the PPC Plan will be implemented within 90 days of the inspection. Annual reports based on these inspections are prepared and retained on file at the facility in accordance with the facility's general NPDES Permit No. PAR 502208.

4. Preventive Maintenance

Equipment used at CES is inspected daily for safe operation. Leaks or any other defect that may affect the safe and dependable operation of the equipment is addressed immediately.

CES has implemented a comprehensive service and repair schedule for all heavy equipment on site based on manufacturer's recommendation and personal experience. A full-time mechanic is assigned to preventative maintenance. Much of the equipment used in the landfill operation for earthmoving activities would also be used in emergencies as needed. A record of all repairs and scheduled services is maintained in the administration building.

Arrangements have been made with Five Star Equipment Company in Dunmore, PA for 24-hour response to provide replacement or stand-by equipment in the event of an emergency.

CES has emergency generator backup for all site functions. Three generators provide emergency backup to the administration building and scales, shop, treatment plant and flare station. The units are tested monthly and the results documented.

Rechargeable batteries are used in handheld gas and radiation monitoring equipment. A set of batteries is kept on charge at all times, and a stock of alkaline battery replacements is kept in the administration building if needed.

Instrumentation for combustible gas detection is maintained on site. A regular calibration and maintenance program was developed in accordance with manufacturer's recommendations.

The identiFINDER R400 is calibrated annually by the manufacturer. Instrument calibration records are maintained by the Compliance Manager.

An inventory of disposables used for emergency response, (absorbents, hand tools; batteries, etc.), is taken monthly by the Assistant Site Manager. Supplies are ordered as needed.

The stormwater basins and conveyance structures are inspected routinely and are maintained to ensure proper functionality.

5. Housekeeping Program

Areas where chemicals are stored or used in the garage and treatment plant are monitored daily to ensure these areas are kept clean and dry. Chemical storage containers are checked for leakage or spillage and any material noted is cleaned up immediately. Containers are stored neatly in a manner to prevent accidental damage of puncture. These areas are kept free of litter and clutter.

In areas where maintenance of equipment is performed, drip pans are utilized to catch oils and/or fluids to the extent possible. Dry absorbents are used immediately to clean any oils and/or fluids that do reach the floor. Hosing down general work areas is discouraged unless the water is directed to the wastewater treatment facility rather than the storm water system. There is an oil/water separator on the waste line to the treatment facility that is cleaned and maintained regularly.

All drip pans and containers where waste oils and/or fluids are collected are emptied into the appropriate bulk storage tanks as soon as possible to prevent accidental spillage. Waste materials are either pumped into the tanks or poured using funnels to prevent spillage. Dry absorbents are kept under those tanks not having structural containment.

There is an overfill alarm on the waste oil storage tank in the maintenance building to prevent overfilling the tank.

All tools and supplies used will be kept neat and orderly. Incompatibles are kept separated.

The Administration Building, Maintenance Garage and Treatment Plant are policed and cleaned daily.

Litter is controlled at the working face via a fence or other suitable barrier. Once a week (more often if needed), off-site litter is collected and deposited at the landfill. Fugitive dust emissions are minimized by the use of water trucks as required.

6. Security

The site has security fencing to ensure access during working hours only. Security personnel are posted to ensure no unauthorized access during non-working hours.

The main access gate is secured during hours of non-operation.

A guard station has been established at the site entrance. All persons enter the site through the guard station.

Wells located on site for groundwater monitoring are painted, labeled and locked. The Compliance Manager has control of the applicable keys.

Security lighting has been installed in the administrative building, maintenance shop and treatment plant areas.

7. External Factor Planning

Power outages, floods, snowstorms, etc., are not expected to have a detrimental effect on the operation of the landfill and the occurrence of these will not pose a threat to public health and safety. The landfill maintains on site electrical generators as backup power to critical site operations, which will ensure we can continue to accept waste. The leachate storage tanks have sufficient storage capacity to ensure that leachate or any material reaching them can be stored for future treatment and discharge. Storm water retention ponds have sufficient storage capacity to insure nothing leaves the site unintentionally.

8. Employee Training Program

All employees are trained prior to commencing work. Employees receive site specific Orientation Training to understand the landfills operations. Included in the Orientation Training are Hazard Communication, Emergency Response, Confined Space, Waste Acceptance, Lock Out/ Tag Out, EMS, and Health and Safety aspects of the landfill.

Employees hired for the Quarry operation receive Mine Safety and Health Administration (MSHA) required training. This training is conducted prior to commencing work on site. Depending on the number of employees and operational needs, these employees will receive no less than 8 hours of training before being introduced to their job responsibilities.

All employees receive annual refresher training in all of the above-mentioned categories as applicable to their job function. Additional training is provided in area specific work procedures, job specific functions as well as "hands on" or "on the job" training. A Safety Meeting for all employees is held monthly to present topics of importance for discussion. Attendance is mandatory and documented.

The staff at the working face of the landfill receive specific work instructions on emergency procedures and municipal waste acceptance. These employees inspect the waste entering the landfill for disposal, ensuring that the refuse is acceptable,

it is not hazardous, and meets the landfills permit requirements. They are trained in what to look for and are kept abreast of new Residual Waste approvals. A training matrix record is kept to ensure all employees receive the required training.

Maintenance and working face personnel are also trained in preventive maintenance and scheduling, housekeeping duties, and fire prevention.

Employees responsible for storm water management are trained on the storm water pollution prevention measured implemented at the site. This training, which addresses spill response, good housekeeping and material management practices, is conducted and documented on an annual basis.

D. **Countermeasures**

1. Undertaken by Facility

Facility personnel will undertake the following protective actions in the event of a spill:

1. Notify their immediate supervisor or the Administration Building of the emergency.
2. Direct all personnel not involved in the remediation or cleanup to vacate the area
3. Deploy absorbent materials appropriately to contain or slow the release.
4. Minimize the release and confine material to spill area (shut valve, right container, close door, etc) as appropriate
5. Divert flow of spilled material toward nearest conveyance to storm water retention basin (if appropriate)
6. Divert site runoff away from spill area to minimize cleanup
7. Firefighting activities should be limited to small defensive actions with a fire extinguisher.

The Emergency Coordinator will evaluate the situation, notify the Site Manager and Compliance Manager, and initiate off site notifications. The notifications may be to local, state and/or federal agencies as determined by the circumstances and severity of the incident.

SITE PERSONNEL SHOULD UNDERTAKE ONLY EMERGEMNCY DEFENSIVE ACTIONS FOR WHICH THEY HAVE BEEN TRAINED.

2. Undertaken by Contractors

Contractors or trained firefighters will be utilized to the degree necessary to mitigate the emergency and/or prevent off-site migration. Contractors will undertake the following protective actions in the event of a spill:

1. Offensive actions that require respiratory protection during containment or cleanup.
2. Offensive actions or cleanup that require specialized equipment not possessed by CES.
3. Cleanup of materials deemed hazardous by their nature.
4. Cleanup of materials reaching the stormwater system (if necessary).
5. Firefighting activities beyond the scope of one fire extinguisher.

CES maintains a working relationship with spill contractors qualified to provide any specialized services we would require. These contractors provide routine services to CES and dispose of waste at the facility that allows them to be familiar with the facility layout and staff. See the contractor list below.

Spill Response and Cleanup

Datom Products
113 Monahan Avenue
Dunmore, PA 18512
570/343-2878
Contact: Thomas Jimmie, Jr.

Miller Environmental Group
151 Brown Road
Pittston, PA 18640
570/457-1153
Contact: Ryan Hoar or Jason Lesnak

Radiological Response

Datom Products
113 Monahan Avenue
Dunmore, PA 18512
570/343-2878
Contact: Thomas Jimmie, Jr.

3. Internal / External Communications and Alarm Systems

The Site Manager and all area managers as well as the site working face personnel are equipped with cell phones or portable two-way radios capable of communicating with each other and the Administration Building. In the event of an emergency, the Administration Building will be staffed to monitor internal communications and

immediately contact the required agencies. All external communication in the event of an emergency will go through the Site Manager/ Safety Officer or his designee.

Each permanent building on site contains a phone that has the capabilities of communicating externally.

All emergency communications are recorded on a site Incident Report and maintained in a file at the administration building.

4. Evacuation Plan for CES Personnel

CES has developed procedures for partial and total site evacuation in the event an emergency dictates this action. These procedures will be followed in the event of fire, spill or other emergency requiring the evacuation of personnel. See Appendix E for schematics.

Evacuation Routes and Procedures

Administration Building

All office personnel will be notified of the need to evacuate by the Site Manager. Employees will exit the building via the nearest exit door and proceed to the site's main parking lot (Area A). The Site Manager will ensure all employees have evacuated before joining them at the main gate. The Site Manager or his designee will take roll call to ensure all employees are accounted for. If any employee is unaccounted for, the Site Manager will try to determine where he or she was last seen and send someone in to search for the missing person. If the situation is severe, the Site Manager will wait for trained rescue personnel to arrive and then inform them that someone is unaccounted for and where he or she was last seen.

Shop Building

If an emergency in the Shop Building dictates the evacuation of personnel, the following procedures will be instituted:

Mechanics and helpers will be notified of the need to evacuate by the lead mechanic, Assistant Site Manager or his designee. All mechanics are to shut down or turn off all equipment, extinguish any torches or welding equipment, close all flammable gas valves on tanks in use and proceed out of the shop to the main parking lot (Area A). The lead mechanic will ensure that all mechanics are out of the building and, all equipment is shut down before proceeding to the main access road.

The Assistant Site Manager or his designee will notify the welders in the weld shop of the evacuation. They will extinguish all torches and welders and close all flammable gas

valves on tanks in use. The lead welder will ensure that all welders are out of the weld shop and that all equipment is off and secured before proceeding to the main parking lot (Area A). The Assistant Site Manager or his designee will take roll call to ensure all employees are accounted for. When all shop employees are present, they will proceed to the site's main gate or follow the instructions of emergency personnel.

Landfill

Landfill employees will be notified of the need to evacuate via the company two-way radio or by the Assistant Site Manager. Equipment operators will position their machines off of the fill and turn off the engine. Landfill spotters will ensure all other equipment is turned off and direct any customer vehicles out of the disposal area. Landfill laborers will proceed directly out of the disposal area in an orderly fashion and will meet at the flare station area (Area C)

The operators and laborers will gather at the main access road into the fill and wait for the landfill spotters. The Assistant Site Manager or his designee will ensure that all employees have evacuated and be the last person out of the area. He will meet the landfill employees at the designated area and take a head count. Once all the employees are accounted for, they will proceed down the access road toward the Administration Building and wait for further instructions or evacuation to the site's main gate. If any employee is unaccounted for, the Site Manager will try to determine where he or she was last seen and send someone in to search for the missing person. If the situation is severe, the Site Manager will wait for trained rescue personnel to arrive and then inform them that someone is unaccounted for and where he or she was last seen.

Crusher / Quarry Operation

In the event an evacuation is necessary at the Quarry Operation, the crusher operators and laborers will be notified of the need to evacuate via two-way radio, through the Assistant Site Manager or his designee. The operators will shut down all equipment and proceed to the designated area, the main parking lot (Area A). Laborers will ensure any equipment they are using is turned off before leaving the crusher area.

The Assistant Site Manager or his designee will be the last person out of the area after ensuring all employees have evacuated. He will meet the quarry personnel at the main parking lot (Area A) and take a head count. Once all employees have been accounted for, they will proceed down the access road or as directed by response personnel.

Treatment Plant

In the event the treatment plant needs to be evacuated, personnel will be notified by two-way radio. If the emergency is at the plant itself, the operator will notify the Administration Building of the emergency via the two-way radio. Employees will turn off the effluent pump if possible and exit the building using the nearest exit. They will

assemble on area B. The treatment plant operator will ensure all employees have evacuated before proceeding to the meeting area and take a head count. Once all employees have been accounted for, they will then proceed as directed by response personnel.

5. Alarm Procedures for Evacuation

Due to the extensive area of the site, an audible alarm is not a sufficient means of notifying personnel. The two-way radio is the most efficient means of notification. All areas of the site are covered by this communication system, and conveyance of the emergency notice is easily distributed through this system.

6. Training for Evacuation

All Employees are trained initially and annually on evacuation procedures. The following supervisory personnel are responsible for the safe evacuation of their work areas:

Mike Piepoli	Site Manager	570/695-3590
Frank Wanko	Assistant Site Manager	570/695-3590

7. Emergency Equipment

CES has a variety of equipment and materials available for response to an emergency situation. The emergency equipment listed will be tested and maintained on a regular basis as suggested by the supplier or manufacturer.
After an emergency, all equipment will be decontaminated, cleaned and returned to its storage location. Expendable materials will be inventoried and replenished as needed.

Locations Key:		
	Admin	Administration Building
	Shop	Maintenance Garage
	Gas	Gas Management
	Plant	Treatment Plant
	Crusher	Rock Crushing Equipment
	Mobile	Mobil Equipment (trucks, pickups, heavy equipment, etc.)

Equipment	Location
Absorbents (socks, pads, kits, booms)	Shop, Plant
Air Compressors (portable)	Gas, Mobile, Shop
Confined Space Entry Equipment	Admin, Gas, Plant
Decontamination Equipment (safety showers, eye-wash station)	Plant, Shop
Excavation Equipment (dozers, loaders, trucks)	Shop, Mobile, Crusher
Explosimeter (Gas Tech Four Runner)	Gas, Mobile, Plant
Fire Hoses ($1^{1/2}$,$2^{1/2}$ inch)	Plant, Crusher
Fire Extinguishers (dry chemicals)	Admin, Gas, Plant, Shop, Mobile, Crusher
First Aid Kit	Admin, Gas, Plant, Shop, Mobile, Crusher
Generators	Shop, Plant, Gas, Mobile, Flares, Scalehouse, Ofice
Jacks, Tools, Rigging Equipment (Cutting/welding)	Shop, Mobile
Organic Vapor Analyzer (Foxboro FID)	Gas, Admin
Two-way Radios (1-base, 10-portables)	Various Locations With Site Personnel
Water Pumps	Plant
Water Truck with Cannon	Mobile
Miscellaneous (cameras, CB radios, propane heaters, pick up trucks, etc.)	Admin, Shop, Plant

First Aid kits and fire extinguishers are located in every building on site. All heavy equipment and company trucks have an ABC fire extinguisher. In addition, the quarry office trailer contains an industrial First Aid Kit, backboard and shock blanket.

E. Emergency Spill Notification Network

1. Arrangements With Emergency Response Agencies

CES has arranged with the Schuylkill County Emergency Management Agency to make the downstream notifications to municipalities within the 20-mile notification zone within Schuylkill County in the event of a petroleum product release. CES would make the notification to those municipalities in Lebanon County within the 20-mile downstream notification zone in Lebanon County.

2. Incident Notification Lists

Agency Notifications:

PA Dept. of Environmental Protection	570/826-2511
Schuylkill County Emergency Management Agency	570/622-3739
Lebanon County Emergency Management Agency	717/272-7621
US Environmental Protection Agency	215/814-5122
National Response Center	1/800-424-8802
PA State Police Dunmore	570/963-3156
Frackville	570/874-5300
PA Fish Commission	570/477-5717
(Alternate Number)	570/477-2206
PA Game Commission (State Wide)	717/787-4250
(NE Region)	570/675-1143
PA Dept. of Transportation District 5-0 Allentown	610/871-4100

Hegins Fire Department	570-695-3131
Mt. Pleasant Fire Department	570-544-3683

Other Emergency Contact Numbers

Lehigh Valley Hospital	570-621-4000
Geisinger St. Luke's Hospital	866-785-8537
Tremont Area Ambulance	570-695-2500
Good Will Ambulance	570-544-6099
Schuykill EMS	570-622-9647

3. Downstream Notification List Required by Storage Tank Act

All downstream municipalities and facilities with stream intakes within 20 miles of a facility that stores > 21,000 gallons of regulated substances above ground must receive notification in the event of release. They must also receive an inventory of material stored on site updated annually. CES is not aware of any stream intakes within the twenty (20) mile notification zone prescribed by the Storage Tank Act. See Appendix D.

F. Storm Water Management Practices

CES implemented a comprehensive storm water management program and holds an NPDES Permit (PAR PA0065307) for the discharge of storm water to Middle Creek and Swatara Creek. The permit was renewed in 2012 and ran through May of 2023.

The site is designed, operated and maintained in such a manner as to control both run-on and run-off water. Run-on water is directed away from areas of the site where earth disturbance or chemical use and/or storage may lead to contamination. Areas actively receiving waste, access roads and support areas are most susceptible to storm-water contamination resulting from accidental spills or sedimentation. These areas are protected from run-on to the degree possible. Run-off is retained in retention basins on site to settle sediment or directed to areas containing vegetation where natural filtration can occur. The storm water retention basins are also the fail safe for spills in that the material can be contained and removed without leaving the site.

Storm water retention/sedimentation basins are designed with capacity to store the twenty-five (25) year frequency, twenty-four (24) hour duration precipitation event. Basins are grass lined and outlet structures protected with stone to minimize contamination. Discharge rates are controlled and their quality monitored.

Channels carrying both run-on and run-off water are stabilized with stone and/or vegetation immediately upon construction. These channels are constructed and maintained in accordance with specifications reviewed and approved by the Pennsylvania Dept. of Environmental Protection (DEP).

NPDES Permit PAR PA0065307 requires biannual sampling and analysis of three discharge points. Parameters set by the permit are analyzed to ensure that no contaminants generated by waste entering the landfill, sediment originating on the site, or materials accidentally spilled are discharged to either Swatara Creek or Middle Creek.

All non-storm water discharges from the CES facility are covered by a separate NPDES Permit and are discharged to either the Municipal Sewer System at Gordon or a permitted discharge from our on-site treatment facility to Swatara Creek.

G. Erosion and Sedimentation Prevention

The area of the landfill subject to the greatest potential for soil erosion is the active disposal area. The Operating Permit issued by DEP and the Erosion & Sedimentation Plan contains specify specific activities to minimize erosion on the site.

Those activities include, but are not limited to, storm water diversion of run-on and run-off, utilization of retention/sedimentation basins, temporary seeding or mulching of areas

not ready for final seeding, site grading to minimize slopes whenever possible and the utilization of temporary measures such as hay bales or filter fencing wherever possible.

H. Additional Requirements for EPCRA, section 313 Facilities

Not Applicable

I. Certification Requirements for Non-Storm Water Discharges

All non-storm water discharges from the CES facility are covered by an NPDES Permit and are discharged to either the Municipal Sewer System at Gordon or a permitted discharge to Swatara Creek.

J. Signatory Requirement

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

Site Manager — Date: 6-30-25

F. & I. Non-Storm Water Discharge Certification

All significant sources of non-storm water discharges from the site (Landfill waste disposal areas, Treatment Plant, Quarry, and Maintenance shop) have been evaluated by CES Staff and certify that all necessary precautions are in place to prevent such discharges. All discharges that have occurred are documented in Table 1 of this plan. A new evaluation of each area of concern will be completed based on any changes to the Facility and at a minimum each year that the site Integrated Contingency Plan is updated.

Site Manager — Date: 6-30-25

TABLE 1

Pollution Incident History

Date of Incident:	September 27, 2021
Material Spilled:	Untreated Leachate
Approximate Amount:	Undetermined small amount
Environmental Damage:	Ground Contamination
Cause of Spill:	Lift Station Pump Failure
Preventive Measures:	Installation of separate monitor that will immediately shut off power to all pump stations if leachate should reach a certain elevation within the sump.
Comment:	All contaminated soil was excavated and disposed of in the landfill.

APPENDIX A OTHER EXISTING EMERGENCY RESPONSE PLANS

CES Sanitary Landfill, Inc, has reviewed, revised and combined elements of various response plans that have been developed over the years into an Integrated Contingency Plan (ICP). The goal is to develop a comprehensive approach to emergency response that is both useful to facility staff and protective of public health, safety and the environment without duplicating the same information in multiple places. We will update the plan annually or whenever there are substantial changes to the facility or our ability to respond timely and effectively to emergency situations.

PPC Plan	Incorporated into the ICP
SPR Plan	Incorporated into the ICP
Emergency Action Plan Off-Site Response Plan	Incorporated into the ICP
Spill Prevention, Control and Countermeasures Plan	Revised: May 25,2025
Radiation Action Plan	Revised: May 2025

APPENDIX B

MATERIAL STORED OR HANDLED IN BULK BY LOCATION
(Major Quantities)

Appendix B
Bulk Material Stored or Used on Site

MATERIAL	LOCATION	QUANTITY/CONTAINER
Acetylene (Liquid)	Maintanence Shop	4-280 cu.ft. Cylinders
Anti-Freeze	Maintanence Shop	1,000 Gal. AST
Argon (Liquid)	Maintanence Shop	4-380 cu.ft. Cylinders
Assorted Lubricants	Leachate Ttreatment Plant	Variable / 1 -5 Gal.
Cleaning Compounds	Maintanence Shop	Variable / 1 - 55 Gal.
	Administration Building	Variable / 1 - 55 Gal.
	Leachate Treatment Plant	Variable / 1 - 55 Gal.
Diesel Fuel (Off Road)	Fueling Station	20,000 Gal. AST
Engine Oil (15/40)	Maintanence Shop	8,000 Gal. UST
Gasoline	Maintanence Shop	4,000 Gal. UST
Hydraulic Fluid	Maintanence Shop	8,000 Gal. UST
Kerosene	Maintanence Shop	275 Gal. AST
Laboratory Reagents	Leachate Ttreatment Plant	Variable / 1 Liter
Oil (80/90)	Maintanence Shop	1,500 Gal. AST
Oxygen (Liquid)	Maintanence Shop	4-280 cu.ft. Cylinders
Propane	Administration Building	2 - 1000 Gal. ASTs
	Leachate Treatment Plant	5 - 1000 Gal. ASTs
	Maintanence Shop	2 - 1000 Gal. ASTs
	Truck Wash Building	1 - 1000 Gal. AST
Sodium Hydroxide (50 %)	Leachate Treatment Plant	550 Gal. AST
Specialty Oils/Lubricants	Maintanence Shop (Variable # 55-Gal)	2,000 Gal. Drums
	Maintanence Shop (Variable # 5-Gal)	75 Gal. Pails
Sulfuric Acid (98 %)	Leachate Treatment Plant	550 Gal. AST
Synthetic Polymer	Leachate Pre-Treatment Plant	5 Gal. Drum
Transmission Oil (30W)	Maintanence Shop	1,500 Gal. AST
Transmission Oil (50W)	Maintanence Shop	1,500 Gal. AST
Treated Leachate	Leachate Treatment Plant	1 Million Gal. AST
Untreated Leachate	Leachate Treatment Plant	2-1.5 Mil Gal AST
Waste Oil	Maintanence Shop	2,000 Gal. AST

Quantities listed for Specialty Oils/Lubricants represent approximate maximum amounts that would be stored at any given time. Actual amounts vary and could be significantly less.

Treated leachate can be discharged to Middle Creek if necessary, sewer lines leading to the Schuylkill County Municipal Authority's Gordon Wastewater Treatment Plant or utilized on site for dust control.

Revised: May 2025

APPENDIX C

SDS Sheets for Bulk Materials Used and/or Stored in Bulk at CES

Inventory of SDS Sheets Contained
In Attachment 3

See SDS Binder in Administration Building

APPENDIX D
Downstream Notification List

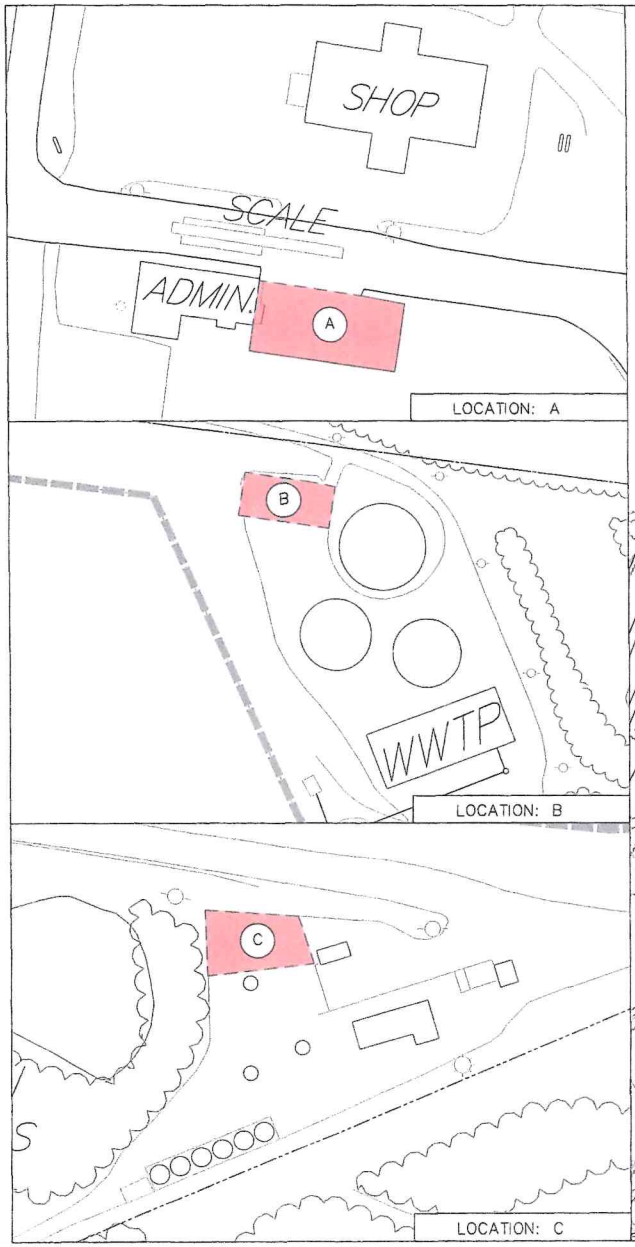
DOWNSTREAM NOTIFICATION LIST – 20 MILES
(AS REQUIRED BY THE PA STORAGE TANK ACT)

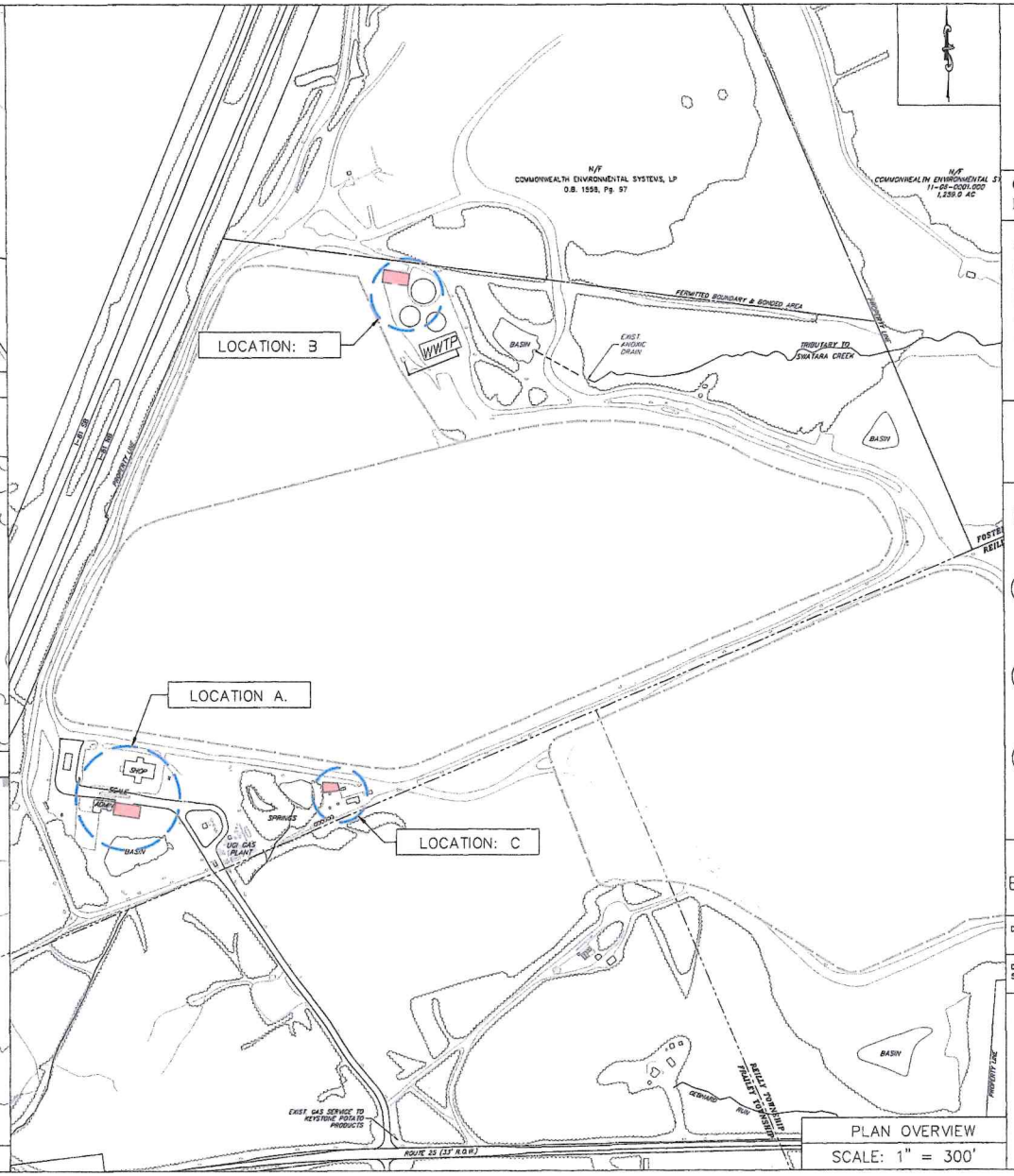
COMMONWEALTH ENVIRONMENTAL SYSTEMS, L.P.
DOWNSTREAM NOTIFICATION LIST FOR YEAR 2025

MUNICIPALITY	ADDRESS	MILE MARKER	EMERG.MGMT. COORDINATOR	TELEPHONE	CELL PHONE
SCHUYLKILL CO.	EMERG.MGMT AGENCY Office of Public Safety 435 North Center Street Pottsville, PA 17901		John Matz 24 Hour	570/622-3739 570/628-3792	
Foster Township	1540 Sunbury Road Pottsville, PA 17901	0	Chris Rowlands	570/544-4137	570/527-0636
Frailey Township	23 Maryland Street C/O Donald Allar (Chmn.) Donaldson, PA 17981	0	Edward Kimmel	570/695-3980 570/695-3210	570/527-9324
Reilly Township	P O Box 1 Spruce Street Branchdale, PA 17923	0	Jim Quinn	570/695-3777	570/544-6884
Tremont Township	166 Molleystown Road Pine Grove, PA 17963	2.7	Lester Kauffman	570/345-2955 570/695-3816	570/789-1822
Tremont Borough	139 Clay Street Suite 1 Tremont, PA 17981	3.2	James Scheibly	570/695-2199 570/695-3749	570/449-3123
Pine Grove Township	175 Oak Grove Road Pine Grove, PA 17963	7.9	Kevin Frantz	570/345-4202	610/858-1291
Pine Grove Borough	1 Snyder Avenue Pine Grove, PA 17963	9.9	Dave Sattizahn	570/345-3555	570/617-8742
LEBANON COUNTY	EMERG.MGMT.AGENCY 400 South 8th Street Lebanon, PA 17042		Joseph Morales	717/272-7621	
Bethel Township	3015 S. Pine Grove Street Fredericksburg, PA 17026	17.7	Robert Young	570/865-4005	570/222-6492
Union Township	3111 SR 72 Jonestown, 17038	17.7	Roy Snyder	570/865-4039 570/865-6758	

APPENDIX E
LIST of EVACUATIONS and MAP

LOCATION	EVACUATION ROUTE
Administration Building	Employees evacuate and walk to parking lot (A)
Treatment Plant	Employees evacuate and walk to parking lot (B)
Shop Buildings	Employees evacuate and walk to parking lot (A)
Landfill	Employees to evacuate and walk to area (C)





CES

Commonwealth Environmental Systems

CES LANDFILL
FACILITY ID
NO. 101615,
FOSTER, FRAILEY &
REILLY TOWNSHIP,
SCHUYKILL CO.,PA

INTEGRATED
CONTINGENCY
PLAN

LOCATION INDEX

(A) ADMINISTRATION PARKING LOT

(B) TREATMENT PLANT AREA

(C) FLARE STATION AREA

EMERGENCY
EVACUATION MAP

DRAWN BY: DTL	SCALE: 1"-300'	REVISIONS:
DATE: 5/17/2025		

SHEET:

1 OF 1

APPENDIX F

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN (SPCC)

COMMONWEALTH ENVIRONMENTAL SYSTEMS L.P.

Site Address: 99 COMMONWEALTH ROAD

HEGINS, PA

(570) 695-3590

Mailing Address: 249 Dunham Drive

Dunmore Pa.

SPILL PREVENTION, CONTROL AND COUNTERMEASURES PLAN

(SPCC)

Revised 5/20/2025

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SPCC CROSS REFERENCE

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112.7(a)(3)	General Facility Information Site Plan and Facility Diagrams	2 & 3 Attachment B
112.4 and 112.7(a)(4)	Discovery of Release & Discharge Notification Discharge Notification	6 Attachment D
112.7(a)(5)	Spill Mitigation Procedures (See Integrated Contingency Plans)	
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112.7(g)	Security	3
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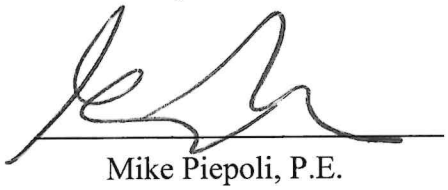
112.7(i)	Brittle Fracture Evaluation	N/A
112.7(j)	Conformance with Applicable State and Local Requirements	7
112.9(b)	Oil Production Facility Drainage	N/A
112.9(c)(1)	1.5.1 Production Equipment	N/A

SPCC CROSS REFERENCE

112.9(c)2)	Secondary Containment of Bulk Storage Containers	4
112.9(c)(3)	Inspections, Tests, and Records	6
112.9(c)(4)	Bulk Storage Containers Overflow Prevention	4
112.9(d)(1)	Transfer Operations and Saltwater Disposal System	N/A
112.9(d)(3)	3.4.5 Flowline Maintenance Program	N/A

PROFESSIONAL ENGINEER CERTIFICATION

The undersigned Registered Professional Engineer is familiar with the requirements of 40 CFR Part 112 and has supervised the examination of the facility by qualified personnel. The undersigned Registered Professional Engineer attests that this Spill Prevention, Control, and Countermeasure Plan has been prepared in accordance with good engineering practice including consideration of applicable standards and the requirements of 40 CFR Part 112; that procedures for required inspections and testing have been established; and that this Plan is adequate for the facility. [40 CFR 112.3(d)]



Mike Piepoli, P.E.

6-30-25

Date

SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN
OF

COMMONWEALTH ENVIRONMENTAL SYSTEMS, L.P.

Site Specific Information

Facility Name:	Commonwealth Environmental Systems, L.P.
Facility Location:	99 Commonwealth Road Hegins, PA.
Site Manager:	Mike Piepoli, P.E. 570/878-3607
Designated Person Responsible For Spill Prevention (SPCC Coordinator)	Mike Piepoli, P.E. 570/878-3607
Alternate SPCC Coordinator	Frank Wanko 570/650-3751

I. PURPOSE

The intention of a Spill Prevention, Control and Countermeasures (SPCC) Plan is to establish the procedures and equipment required to prevent the discharge of oil and hazardous substances in quantities that violate applicable water quality standards, cause a sheen upon or discoloration of the surface of navigable waters or adjoining shorelines, or cause sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines. This plan also establishes the activities to mitigate such discharges (i.e., countermeasures) should they occur.

CES has determined that this facility does not pose a risk of substantial harm under 40 CFR part 112, based on the information recorded in the "Substantial Harm Determination" included in Attachment A of this Plan.

II. PLAN AUTHORIZATION

This SPCC Plan has been prepared by Commonwealth Environmental Systems, L.P. (CES) pursuant to 40 CFR 112 (Protection of the Environment, Oil Pollution Prevention), and has been reviewed and approved by management at a level with the authority to commit necessary resources to implement the Plan.
A complete copy of the Plan shall be maintained at the administration building on site and made available to the Pennsylvania Department of Environmental Protection (Pa DEP) and the US Environmental Protection Agency (EPA) Regional Administrator, and his/her agents, upon request, for on-site review during normal working hours.

III. SCOPE

This plan applies to all areas of the site where oil is stored, used, processed, consumed or distributed, and could be reasonably expected to discharge oil in harmful quantities and when the storage capacity of the site exceeds 1,320 gallons.

Responsible employees at the facility should become familiar with this plan. The SPCC Coordinator and Alternate SPCC Coordinator shall be responsible for implementation of emergency spill response activities.

IV. DEFINITIONS

Oil: Means oil of any kind or in any form, including but not limited to petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes.

Discharge: Includes but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying or dumping.

Navigable Waters: Means all waters of the United States that are connected with a navigable stream, lake or sea. (Note: this definition is usually interpreted to include normally dry wash or storm sewer or other water pathways that eventually drain to a navigable stream.)

Mobile Refueler: Means a bulk storage container onboard a vehicle or towed, that is designated or is used solely to store and transport fuel for transfer into a motor vehicle, vessel or ground service equipment or other storage container.

V. Plan Components and Assignments

A. Professional Engineer Certification (112.3 (d)

The SPCC Plan must be reviewed and certified in good engineering practices by a Registered Professional Engineer. A copy of this certification is included and on file at the Administration building. CES does not meet the requirements for exemption of this requirement or qualify for self-certification.

B. Plan Reviews and Amendments (112.5)

CES will notify the EPA Regional Administrator and PADEP if: the facility discharges more than 1,000 gallons of oil into or upon the navigable waters of the U.S., in a single event; or the facility discharges oil in a quantity greater than 42 gallons in each of two spill events within a 12-month period.

This plan shall be reviewed and/or amended, if necessary whenever there is a change in site design, construction, operation or maintenance that may affect the site's potential to discharge a regulated material.

The Plan will be reviewed and re-certified by a registered professional engineer at least once every five years and will be amended if such review indicates more effective controls and/or prevention technology will significantly reduce the likelihood of a spill event. The plan will also be reviewed after a large spill to determine if the plan is adequate and consistent. The Plan will also be reviewed on an annual basis to incorporate any administrative changes, such as personnel changes or revisions to contact information, such as phone numbers. Administrative changes must be documented but do not have to be certified by a PE. (See Management Approval & Review, Attachment E)

C. Site Information

1. Physical Location and Conditions

Commonwealth Environmental Systems is located approximately 2 miles South on Rt. 25 (Commonwealth Road) off Interstate Rt. 81 South in Foster Township, Schuylkill County. CES is a permitted solid waste disposal facility that is situated on approximately 1000 acres. On the site there are several structures, a vehicle maintenance shop, wastewater treatment plant, truck wash and administration building. CES has an extensive storm water collection and retention system designed to divert storm water to retention ponds throughout the site prior to discharge. A site plan can be found in Attachment B.

2. Security

The site is fenced around the entire perimeter and a guard stationed at the main access gate 24 hours a day, 7 days a week. The guard makes regular patrols throughout the site during non-operational hours including the shop, treatment plant and quarry.

D. Tank Information

CES maintains 7 Above Ground Tanks (ABT) and 2 Electrical Transformers. All tank locations are shown in Attachment B of this plan.

1 – 20,000 gal	Off-Road Diesel
1 – 1,500 gal	Motor Oil 30W
1 – 1,500 gal	Gear Oil 80W-90
1 – 2,000 gal	Waste Oil
1 – 500 gal	Diesel Generator Fuel Tanks
1 – 1500gal	Antifreeze
1 – 250gal	Kerosene

1. Above Ground Storage Tanks

There are five (5) aboveground storage tanks (AST) on Commonwealth's site that contain Diesel Fuel, Waste Oil, Gear Oil and Motor Oil. Each tank is monitored when filling and visual inspections are performed weekly. All deliveries and removals to these tanks are monitored by the drivers and the shop maintenance personnel who remain in attendance during these activities.

2. Underground Storage Tanks

There are three (3) underground storage tanks on site. These tanks are located at the maintenance shop and contain super unleaded gas, hydraulic oil and motor oil. These tanks are equipped with leak and overfill detection equipment. The tanks are monitored weekly and the leak detection system print out reviewed. The tanks are monitored when delivery and removal activities take place. Weekly inspection are carried out by the Class C operator

E. Practicability of Secondary Containment

CES management has determined that secondary containment is practical at this facility.

F. Containment Structures

The methods used for secondary containment include:

1. Double-Wall Construction – is a double design with a secondary shell to contain 110% of the inner tank capacity.

2. Built-in Secondary Containment – Several tanks have attached metal containment for spill and leak protection

3 Buildings – some tanks are contained within buildings with cemented closed-floor drains

4. Oil/water Separator – The drains in the maintenance shop and weld shop are connected to an oil/water separator. In the event of a spill, our oil salvage company will remove the accumulated material.

5. Absorbent Material - Spill kits are located within close proximity of the oil product storage and handling areas for rapid deployment should a spill occur.

6. Stormwater Retention Ponds - All stormwater from areas of possible or potential spills or leaks goes through a series of perimeter ditches and intermediary retention ponds and eventually to a 100 year-flood retention pond.

Tank containment and contents can be found in Table 1.

G. Loading Tank Trucks and Vehicle Filling

Loading operations and vehicle fueling operations will be performed by facility personnel trained in the specific operation. A written record of this and other SPCC training can be found the company's training matrix log located in the Compliance Manager's office. The operators will:

- check that the vehicle is properly secured before making connections,
- inspect the storage and delivery system, hoses, connections and the receiving vessel before beginning operations,
- monitor the transfer operation in-person from beginning to end,
- check that the vehicle has been disconnected before departure, and
- secure the storage and delivery system after use.
- immediately control and report any leakage or spill, including quantity to a supervisor or the administration building 570-695-3590.

H. Inspections and Records

1. Daily Inspections – visual daily inspections are carried out by CES personnel who routinely utilize the oils and fuels contained in these tanks.

2. Monthly Inspections – a checklist is used by CES personnel for the monthly inspections. It covers the following key elements:

- Observing the exterior of the storage tanks, pipes and other equipment for signs of deterioration, leaks, and corrosion.
- Observing the foundations and supports for instability or excessive settlement.
- Observing fill and discharge piping for leaks.
- Checking fire extinguishers, spill equipment, signs, and emergency shut offs,

I. Emergency Procedures / Spill Response

1. Discovery of a Release

The person discovering the release of material from a tank, container or equipment should initiate the following actions immediately:

- Eliminate potential spark sources.
- If possible and safe to do so, identify and shutdown source of the discharge to stop the flow.
- Contain the discharge with sorbents, berms, trenches, sandbags, or other material if safe to do so.
- Contact the SPCC Coordinator or Alternate who will contact regulatory authorities and the response organization as appropriate; and
- Collect and dispose of recovered products according to regulation after cleanup.

Discharge notification contacts and reporting procedures can be found in Attachment D and potential discharge volumes and flow direction can be found in Table 2.

2. Spill Equipment

There are commercial spill kits located at the treatment plant and shop. These kits contain absorbent materials and booms. CES also has the capability of using small and large earth moving equipment to construct dikes and berms. An equipment list can be found in Attachment C.

J. Conformance with Applicable State and Local Requirements

All bulk storage tanks at this facility are registered with the State and have current certificates of registration.

The USTs at the facility meet all requirements of the regulation.

Copies of the plan will be submitted to fire, police, hospitals and emergency management agencies upon request.

Commonwealth Environmental Systems

SPILL REPORT FORM

DATE: _____ TIME: _____

MATERIAL SPILLED: _____

DURATION OF RELEASE: _____

ESTIMATED AMOUNT OF MATERIAL SPILLED: _____

CAUSE OF INCIDENT: _____

WAS THERE ANY INJURIES AS A RESULT OF THIS INCIDENT? _____
IF YES, PLEASE LIST

_____

_____

WAS A WATERWAY AFFECTED? _____
IF YES, WHAT WATER COURSE, HOW AND TO WHAT EXTENT:

_____

_____

_____

WAS ANY MATERIAL RECOVERED: _____

HOW DID THE SPCC PLAN WORK EFFECTIVELY? _____
COMMENTS: _____

_____

WHAT COULD BE DONE TO PREVENT THIS INCIDENT FROM OCCURING AGAIN: _____

_____

_____

_____

SPCC COORDINATOR: _____ DATE: _____
SPILL REPORTED BY: _____ DATE: _____

TABLE 1
TANK CONTENT/CAPACITY/CONTAINMENT

Type of containment structure or spill control measure for above ground tanks and/or storage vessels is included in Table 2 Spill Volume and Rate.

COMMONWEALTH ENVIRONMENTAL SYSTEMS

ABOVEGROUND TANK LIST			
Tank/Container	Location	Contents	Volume
Tank # 1	Above Admin Bldg	Diesel Fuel	20000 gal.
Tank # 3	Shop / Oil Room	Waste Oil	2000 gal.
Tank # 4	Shop / Oil Room	Gear Oil 80W-90	1000 gal.
Tank # 5	Shop / Oil Room	Motor Oil 30W	1500 gal.
Tank # 6	Shop / Oil Room	Antifreeze	1000 gal.
Tank # 7	Shop	Kerosene	250 gal.
Tank # 8 (out of service)	Crusher	Diesel Fuel	250 gal.
Tank # 9	Generator	Diesel Fuel	500 gal.
UNDERGROUND TANK LIST *(exempt from SPCC requirements)*			
Tank # 11	West of Maint. Shop	Unleaded Gasoline	4000 gal.
Tank # 12	East of Maint. Shop	Hydraulic Oil/424	8000 gal.
Tank # 13	East of Maint. Shop	Motor Oil 15W-40	8000 gal.
ELECTRICAL EQUIPMENT LIST			
Transformer #1	Flare	Mineral Oil	50-100 gal.
Transformer #2	Treatment Plant	Mineral Oil	25-50 gal

TABLE 2

POTENTIAL SPILL VOLUMES AND RATE

Potential Discharge Volumes and Direction of Flow (40 CFR 112.7(b))

Cause of Release	Est. Spill	Rate	Direction	Containment or Spill Control
Bulk Storage Area (Aboveground Storage Tank #1)				
Failure of aboveground tank (collapse or puncture below product level)	20,000	Gradual to instantaneous	East to isolated low area	Double Walled Construction
Tank overfill	1 to 120	60 gal/min	East to isolated low area	Bermed, lined, sorbent material
Pipe failure	20,000	240 gal/min	East to isolated low area	Bermed, lined, sorbent material
Leaking pipe or valve packing	600	1 gal/min	East to isolated low area	Bermed, lined, sorbent material
Bulk Storage Room (Aboveground Storage Tank ,#3, #4,#5 & #6)				
Failure of aboveground tank (collapse or puncture below product level)	1,000 to 2,000	Gradual to instantaneous	Center of Building	Building
Tank overfill	1 to 120	60 gal/min	Center of Building	Building
Pipe failure	≥2,000	240 gal/min	Center of Building	Building
Leaking pipe or valve packing	600	1 gal/min	Center of Building	Building
Shop (Tank #7)				
Leak or failure of tank	1 to 250	Gradual to instantaneous	Building Center	Attached
Crusher				
Leak or failure of tank	1 to 250	Gradual to instantaneous	NW toward low area	Attached
Generator				
Leak or failure of tank	1 to 500	Gradual to instantaneous	South toward low area	Attached
Transformers #1 - Flare				
Leak or failure of tank	1 to 100	Gradual to instantaneous	South toward low area	Sorbent material
Transformer #2 – Treatment Plant				
Leak or failure of tank	1 to 50	Gradual to instantaneous	South toward low area	Sorbent material

ATTACHMENT A
SUBSTANTIAL HARM DETERMINATION CHECKLIST

SUBSTANTIAL HARM CRITERIA CHECKLIST (40 CFR 112.20 (e))
CERTIFICATION OF THE APPLICABILITY

FACILITY NAME: Commonwealth Environmental Systems Landfill
FACILITY ADDRESS: 99 Commonwealth Road
Hegins, PA

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

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

3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments?
Yes ____ No __X___

4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance such that a discharge from the facility would shut down a public drinking water intake?
Yes ____ No __X___

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

CERTIFICATION

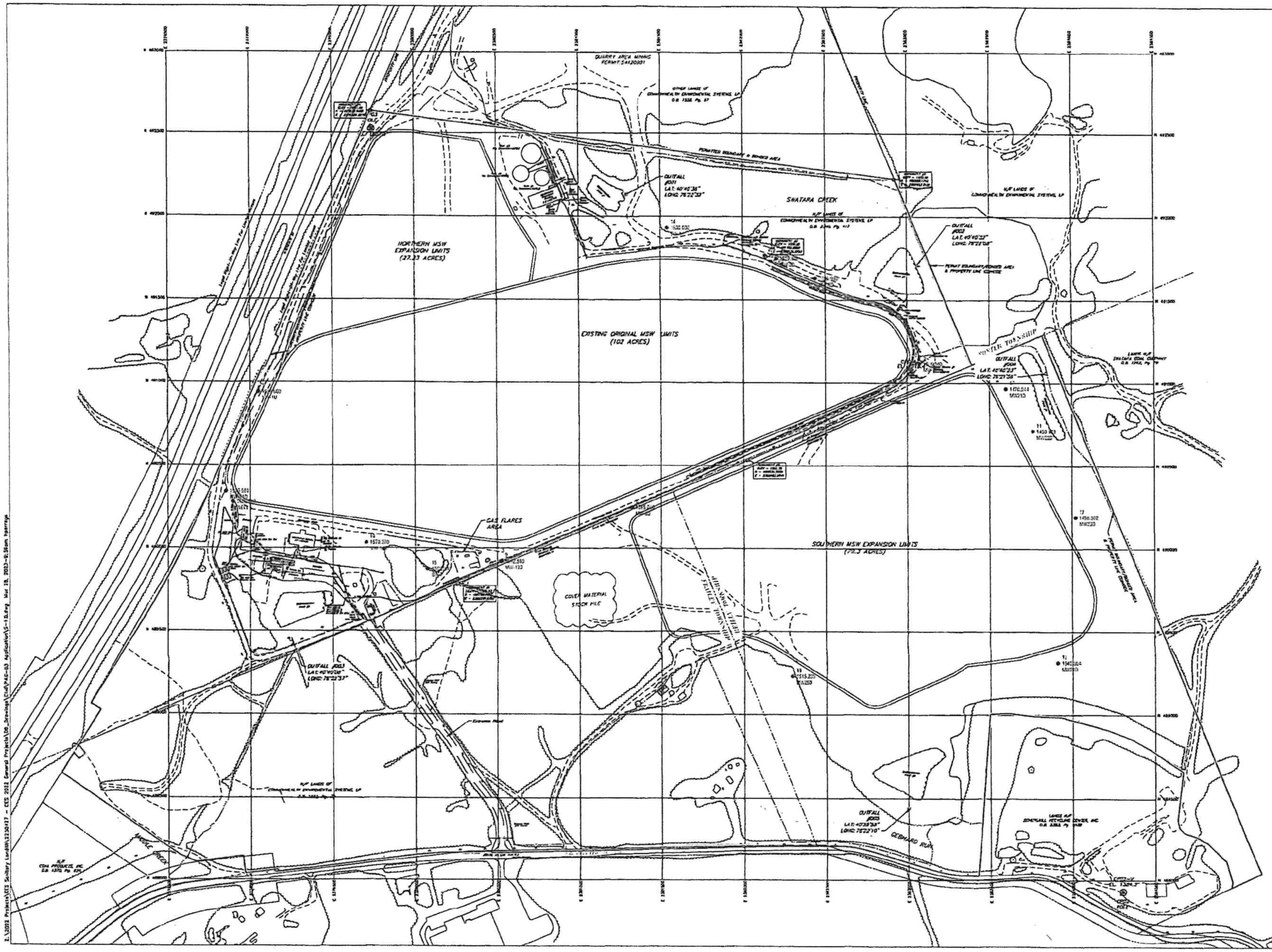
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Mike Piepoli _____
Name Signature

Site Manager 6-30-25
Title Date

ATTACHMENT B

SITE MAPS and BULK STORAGE LOCTION MAP



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COMMONWEALTH ENVIRONMENTAL SYSTEMS, LP LANDFILL

99 COMMONWEALTH DRIVE HEGINS, PENNSYLVANIA

PROJECT NO: 2230427

NO	DATE	DESCRIPTION
-	-	-

DESIGNED BY: RJF | CHECKED BY: AJM
APPROVED BY: DJO | SCALE: 1"=250'
DATE: MARCH 15, 2023

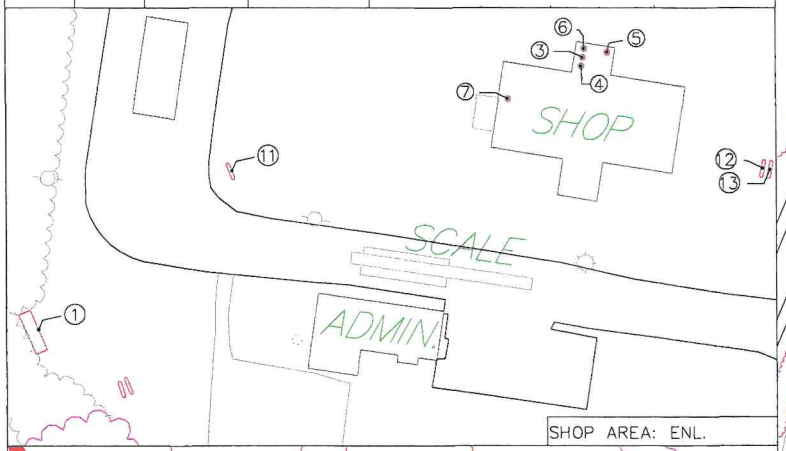
DRAWING NAME:
SITE PLAN

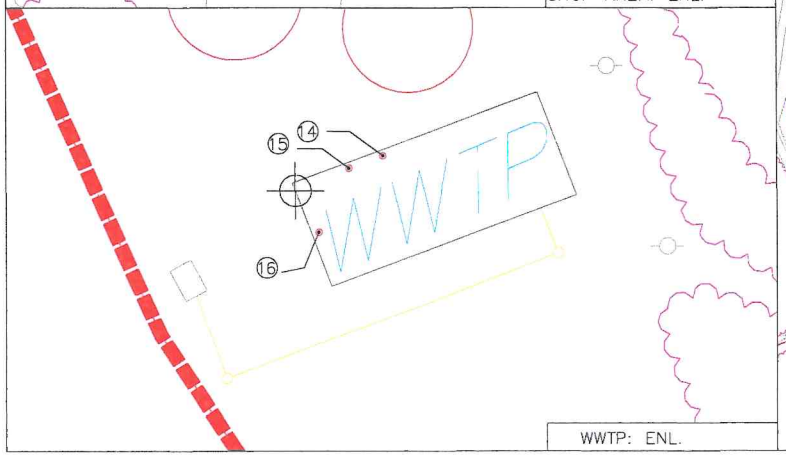
DRAWING NO:
S-1.0

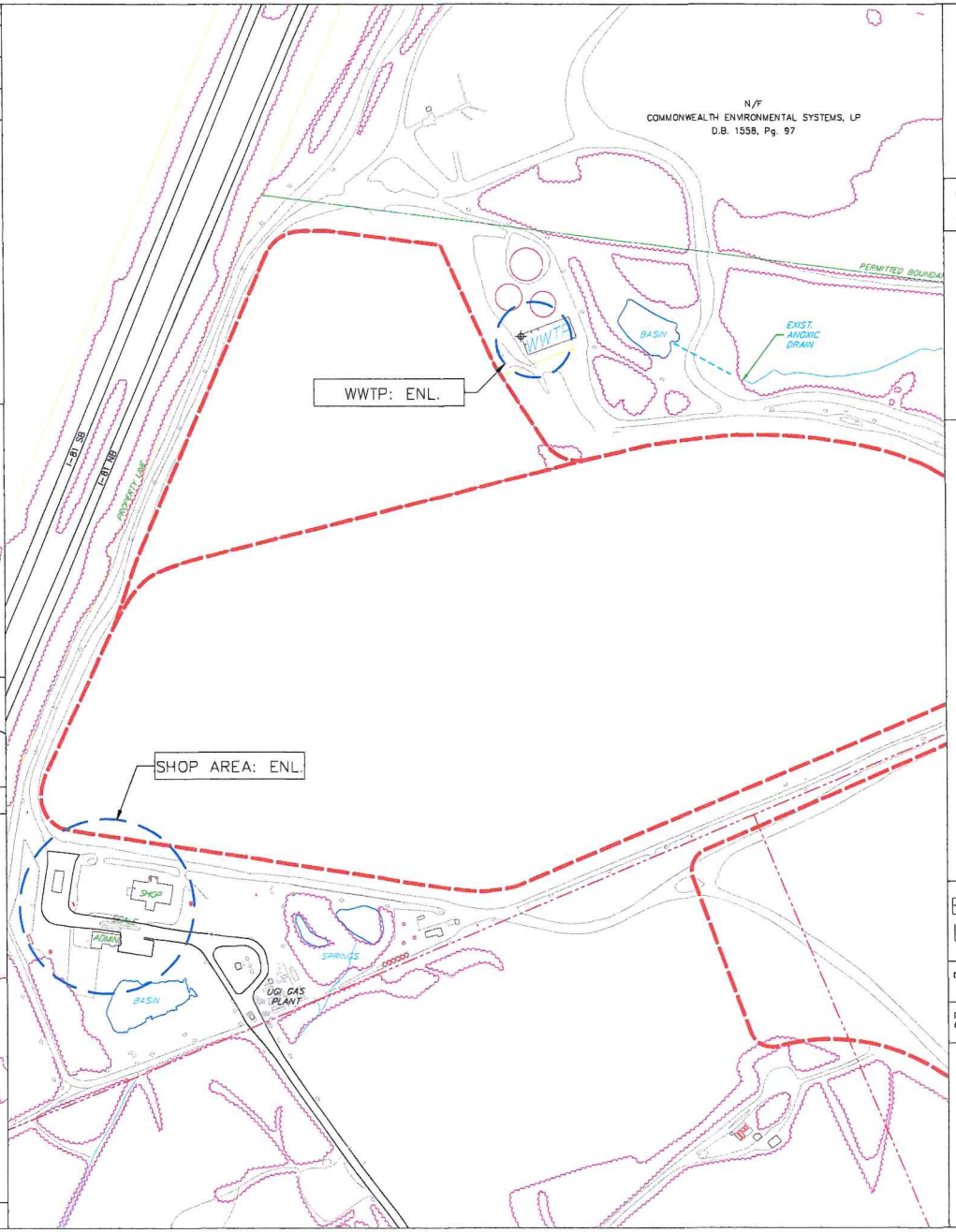
LOCATION ID:	QUANTITY	MATERIAL	LOCATION
1	20,000 GAL.	OFF-ROAD DIESEL	NEW ADMIN BLDG.
3	2,000 GAL.	WASTE OIL	SHOP / OIL ROOM
4	1,000 GAL.	GEAR OIL	SHOP / OIL ROOM
5	1,500 GAL.	MOTOR OIL 30W	SHOP / OIL ROOM
6	1,000 GAL.	ANTI-FREEZE	SHOP / OIL ROOM
7	250 GAL.	KEROSINE	SHOP AREA
8*	250 GAL.	DIESEL FUEL	CRUSHER
11	4,000 GAL.	UNLEADED GASOLINE	WEST OF SHOP
12	8,000 GAL.	HYDRAULIC OIL/424	EAST OF SHOP
13	8,000 GAL.	MOTOR OIL 15W-40	EAST OF SHOP
14		50% SODIUM HYDROXIDE	TREATMENT PLANT
15		SULFURIC ACID	

LOCATION ID:	QUANTITY	MATERIAL	LOCATION
16		FERRIC CHLORIDE	

*OUT OF SERVICE







Commonwealth Environmental Systems

CES LANDFILL FACILITY ID NO. 101615, FOSTER, FRAILEY & REILLY TOWNSHIP, SCHUYKILL CO.,PA

BULK STORAGE LOCATION MAP

DRAWN BY: DTL	SCALE: NOT TO SCALE	REVISIONS:
DATE: 6/4/2025		

SHEET: 1 OF 1

ATTACHMENT C

EMERGENCY EQUIPMENT

Emergency Equipment

The emergency equipment listed will be tested and maintained on a regular basis as suggested by the supplier. After an emergency, all equipment will be decontaminated, cleaned and returned to its storage location.

Locations:		
	Admin.	Administration Building
	Shop	Maintenance Garage
	Plant	Treatment Plant
	Crusher	Rock Crushing Equipment
	Mobile	Mobile Equipment (trucks, pickups, heavy equipment)

Absorbents (socks, pads, kits, booms)	Plant / Shop
Air Compressors (portable)	Shop
Air Bottles with mask (breathable air)	Plant
Camera, C.B. Radios (5) Trucks (2)	Admin. / Plant / Shop
Confined Space Equipment	Plant / Shop
Decontamination Equipment (Safety showers, eye wash)	Plant / Shop
Excavation Equipment (dozers, loaders etc.)	Shop
Explosimeter (gas tech four runner)	Plant
Fire Hoses (2 ½, 1 ½)	Plant / Shop
Fire Extinguishers (dry chemical)	Admin. / Plant / Shop / Crusher Mobile
First Aid Kits (bandages etc.)	Admin. / Plant / Shop / Crusher Mobile
Gas Monitoring Equip.	Plant
Generators (3) w/lights, (1) 35 KVA (1) Truck mounted	Shop
Heaters (propane w/bottle)	Plant / Shop
Jacks, Tools, Rigging Equip. (Cutting & welding)	Mobile / Shop
Two-Way Radios (1) base & portables	Site
Water Pump (gas) (1) 150 gpm (1) 1000 gpm	Shop

First aid kits and fire extinguishers are located in every building on site. All heavy equipment and company trucks have an ABC fire extinguisher. In addition, the quarry office trailer contains an industrial First Aid kit, backboard and shock blanket.

ATTACHMENT D

DISCHARGE NOTIFICATION

COMMONWEALTH ENVIRONMENTAL SYSTEMS, L.P.

In the event of an accidental spill, the CES employee will contact the SPCC Coordinator, his designee or the Administration building 570-695-3590 as soon as possible after the incident. The contact preference is in the order listed below.

(a)	Site Manager/SPCC Coordinator Mike Piepoli	570-878-3607
(b)	Assistant Site Manager Frank Wanko	570-650-3751

After the SPCC Coordinator has been notified, he will refer to the Site Manager for reporting the incident to the appropriate outside agencies, if necessary. If a spill threatens to reach an off-site waterway and the spill cannot be contained, the SPCC Coordinator will contact the following:

Pennsylvania Department of Environmental Protection
24 Hour Emergency Response (570) 826-2511

Fire Dept.	Hegins	570-695-3131
	Mt. Pleasant	570-544-3683
State Police	Frackville	570-874-5300

Schuylkill Emergency Management Agency 570-628-3792
24 Hour Emergency Response

Environmental Protection Agency 215-814-5122
Pennsylvania Department of Environmental Protection
24 Hour Emergency Response 570-826-2511

National Reporting Center 800-424-8802

The following information will be communicated to the outside agency.

a. Name, title, telephone number of person reporting
b. Name, address, telephone number of spill site
c. Time, type and amount of material involved in spill
d. Extent of injuries, if any
e. Possible human health hazards
f. Any body of water involved
g. The cause of the accident
h. Actions being taken or proposed

The following is a list of Spill Control Contractors.

Miller Environmental Group (570) 457-1153
151 Brown Road
Pittston Pa. 18640
Contact: Ryan Hoar or Jason Lesnak

Datom Products (570) 343-2878
108 Monahan Drive
Dunmore, PA. 18512
Contact: Thomas Jimmie Jr.

Attachment E

MANAGEMENT REVIEW

A review and evaluation of this SPCC Plan is conducted at least once every five years. As a result of this review and evaluation, Commonwealth Environmental Systems will amend the SPCC Plan within six months of the review to include more effective prevention and control technology, if applicable.

This SPCC Plan will also be amended within six months after a change in the facility design, construction, operation, or maintenance occurs which materially affects the facility's potential for the discharge of oil into or upon the navigable waters of the United States or adjoining shorelines.

Any technical amendment to the SPCC Plan shall be certified by a Professional Engineer.

Review Dates	**Signature**	**Amendment Required? (Y/N)**
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

ATTACHMENT F

CONTRACTOR/VENDOR SITE ORIENTATION

CONTRACTOR / VENDOR
SITE ORIENTATION

Our site has areas that pose a potential health or safety hazard. The following information provided will address these hazards.

The following are hazards commonly associated with a Quarry Operation.

Heavy Equipment movement- Please be aware of all heavy equipment in the area you are working. Make sure you are clearly visible to the drivers and they acknowledge your presence. Please provide all large equipment the right of way.

Stone Crushing Equipment- the stone crushing system used has many belts, drives, and potentially dangerous areas. DO NOT climb on equipment if it is in operation. DO NOT put your hands, legs or any body part in or between any parts of the equipment while system is running. Consult with the Quarry Manager before performing any work or service on equipment that has not been turned off, or taken out of service.

Blasting – In our Quarry operation, it is common to have controlled blasts. All site personnel and contractors will be notified of the scheduled blast and the area where the blast will occur. If you are working in that area, please stop work and move to an area designated as safe by the Quarry Manager. DO NOT go near the blast area unless you work directly for the blasting contractor. DO NOT return to the area of your work if it is near the blast area until the area has been certified by the Quarry Manager as safe to return.

The following hazards are associated with the rest of the site.

Gas Extraction – Our site has a methane recovery plant. Unless you are directly working for BIOGAS, access to this area is prohibited. There is also no smoking within a 500-foot area of the plant.

Disposal Face – The common hazard at the disposal face is truck traffic. If you are working in this area you must wear a fluorescent orange shirt, jacket, or vest to ensure your visibility. DO NOT walk behind trucks, walk or climb into the refuse, or use an open flame unless specifically authorized by the Site Operations Manager and/or the Site Safety Officer.

Obey all posted signs and directions from landfill personnel.

Prohibited Areas – The following is a list of areas that are off limits to contractors or vendors unless your job is directly related to the area or the Site Manager has specifically given permission.

Treatment Plant and leachate tanks
Gas extraction equipment area
Perimeter fence line

Emergency Communication - All emergencies must be relayed to the administration building. If you have an emergency in the field, contact the nearest CES employee and provide him with the appropriate information. Stay with the person or vehicle involved with the emergency until help arrives.

Facility Management at Commonwealth

570-695-3590	Mike Piepoli	Site Manager
	Frank Wanko	Assistant Site Manager

Facility Speed Limit is 5 MPH

Tank Truck Drivers- To prevent the release of substances hazardous to the environment, tank truck drivers entering the facility are to comply with the following:

1. Exercise caution when maneuvering on site to avoid damage to Keystone property.
2. Inspect the tank, fittings, liquid level indicator prior to filling.
3. Place drip pans where needed.
4. Remain with the vehicle while loading /unloading
5. Drain lines to tanks when loading / unloading is complete
6. Verify that all valves are closed before disconnecting transfer lines
7. Inspect vehicle before departure to ensure all lines have been disconnected and valves / vents are closed.
8. Immediately report any leakage or spill to the Administration Building 570-695-3590

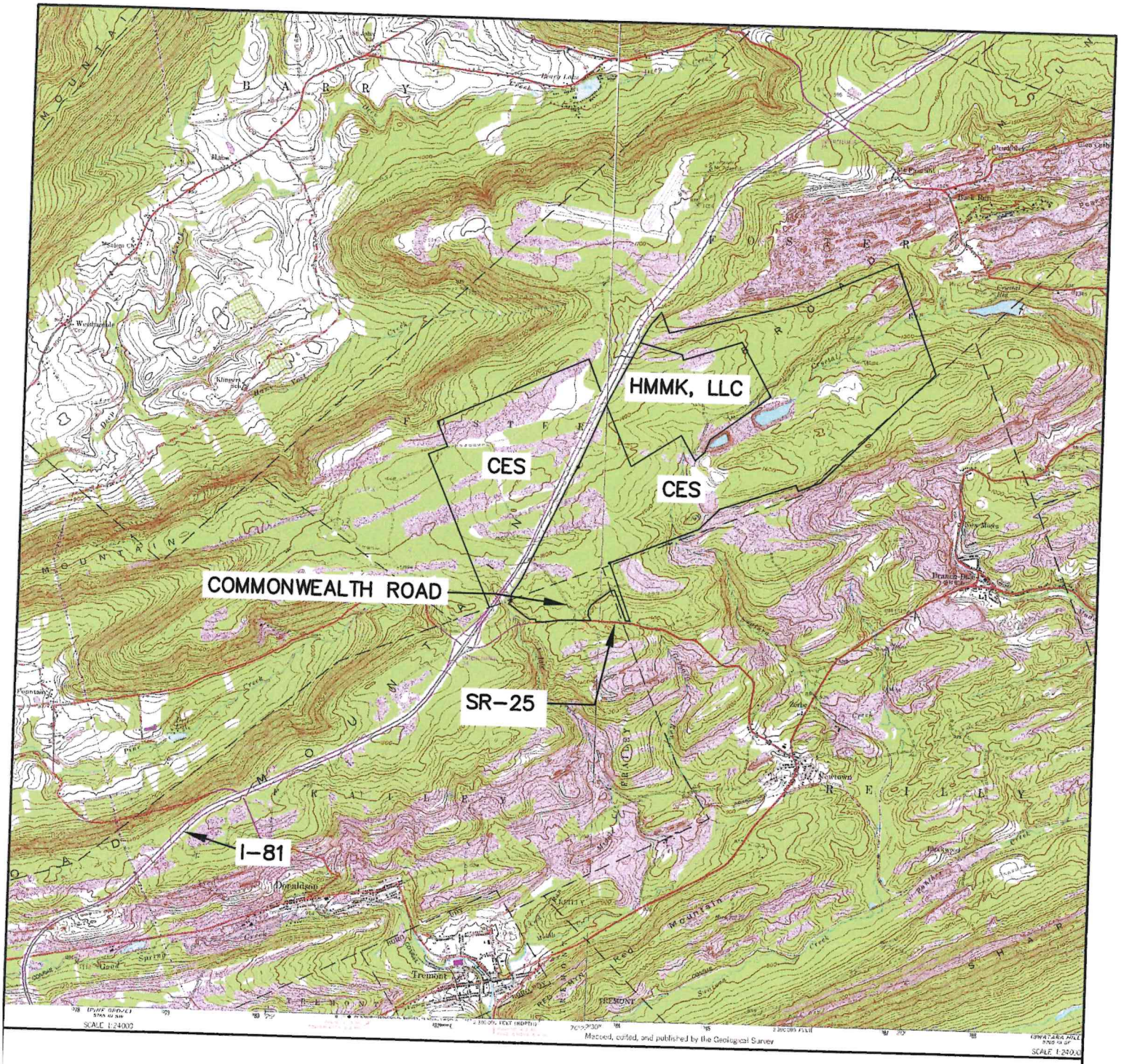
Personal Protective Equipment – When on site you may be required to wear the following in certain areas:

Work Shoes
Safety Glasses
Hard Hat
Orange vest (landfill disposal area)

We appreciate your cooperation and look forward to a healthy and safe working relationship.

ATTACHMENT 1

SITE LOCATION MAP



LOCATION MAP

CES SANITARY LANDFILL
FOSTER, FRAILEY, & REILLEY TOWNSHIPS
SCHUYLKILL COUNTY, PA
US GEOLOGICAL SURVEY MAP
TREMONT, PA; MINERSVILLE, PA
SCALE: 1" = 5000'

ATTACHMENT 2

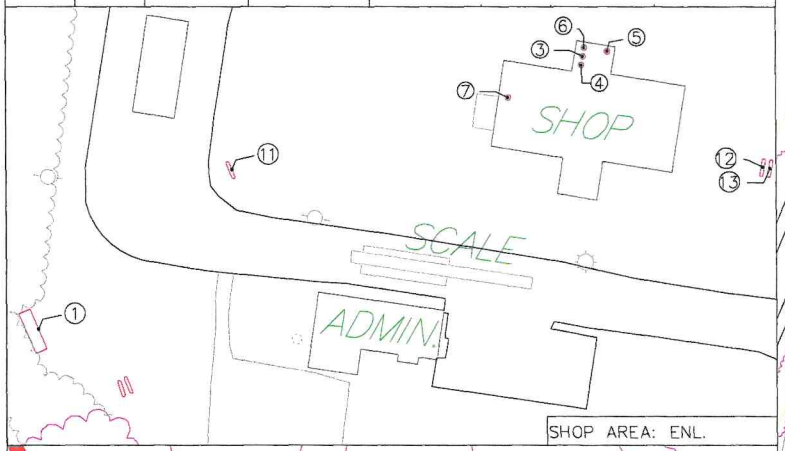
SITE MAPS

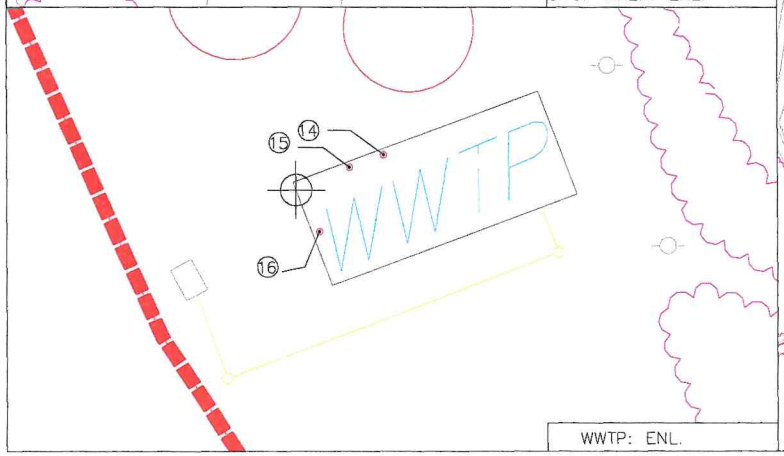
Sheet 1 of 1 Bulk Storage Location Map

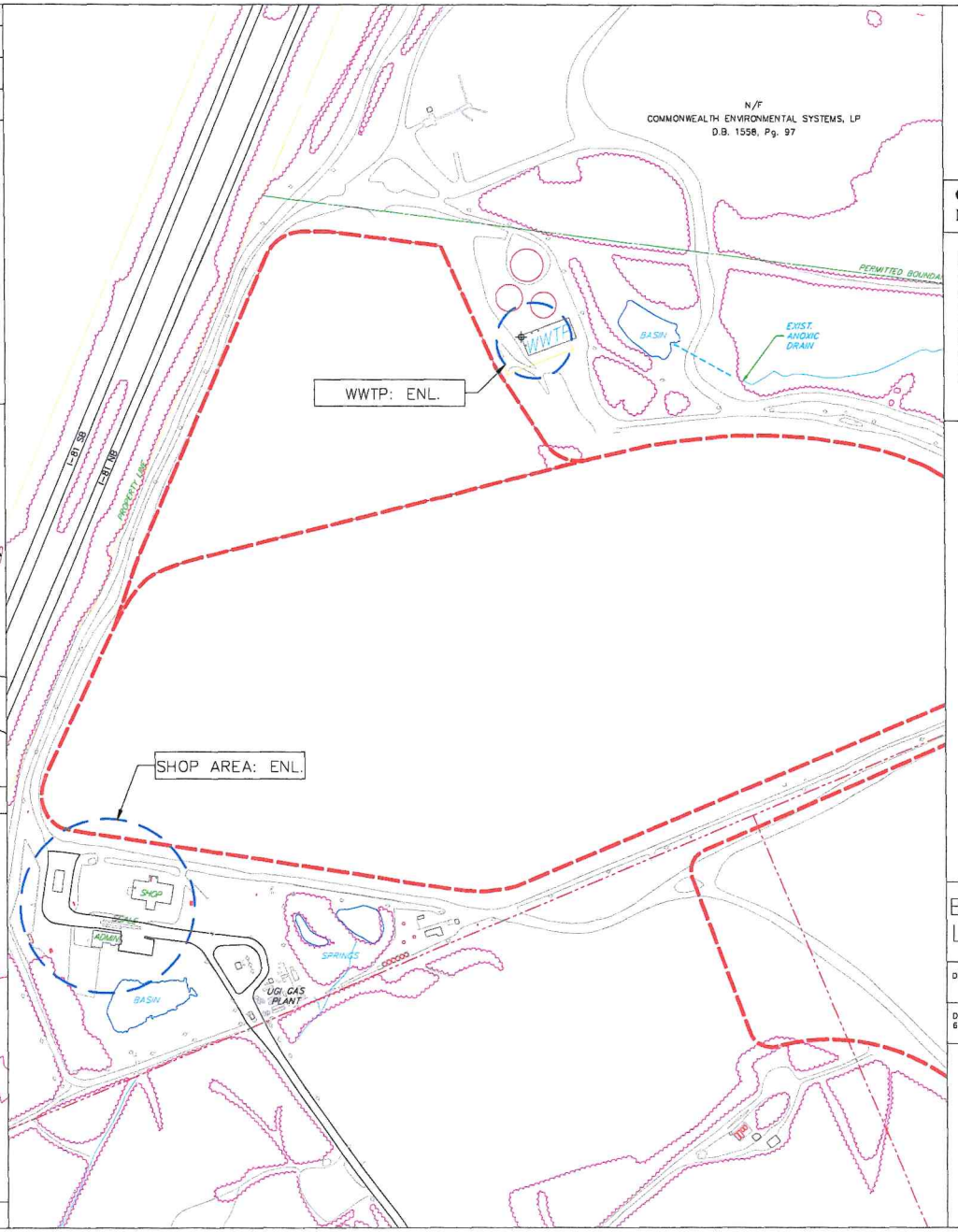
LOCATION ID:	QUANTITY	MATERIAL	LOCATION
1	20,000 GAL.	OFF-ROAD DIESEL	NEW ADMIN BLDG.
3	2,000 GAL.	WASTE OIL	SHOP / OIL ROOM
4	1,000 GAL.	GEAR OIL	SHOP / OIL ROOM
5	1,500 GAL.	MOTOR OIL 30W	SHOP / OIL ROOM
6	1,000 GAL.	ANTI-FREEZE	SHOP / OIL ROOM
7	250 GAL.	KEROSINE	SHOP AREA
8*	250 GAL.	DIESEL FUEL	CRUSHER
11	4,000 GAL.	UNLEADED GASOLINE	WEST OF SHOP
12	8,000 GAL.	HYDRAULIC OIL/424	EAST OF SHOP
13	8,000 GAL.	MOTOR OIL 15W-40	EAST OF SHOP
14		50% SODIUM HYDROXIDE	TREATMENT PLANT
15		SULFURIC ACID	

*OUT OF SERVICE

LOCATION ID:	QUANTITY	MATERIAL	LOCATION
16		FERRIC CHLORIDE	







CES

Commonwealth Environmental Systems

CES LANDFILL FACILITY ID NO. 101615,
FOSTER, FRAILEY & REILLY TOWNSHIP,
SCHUYKILL CO.,PA

BULK STORAGE LOCATION MAP

DRAWN BY: DTL	SCALE: NOT TO SCALE	REVISIONS:
DATE: 6/4/2025		

SHEET:

1 OF 1

ATTACHMENT 3

SDS Inventory of materials used at CES

(This list is continuously updated as new SDS sheets become available)

5/7/2025 CES

Master List of SDS SHEETS by Locaton

Location Key:
AB - Administration Building
C/Q - Crusher/Quarry
LF - Landfill
LTP - Leachate Treatment Plt.
MS - Maintenance Shop
WS - Weld Shop

SDS Date		PRODUCT NAME	LOCATION USED	
10/13/2016	x	Acetylene, dissolved	LTP, MS, WS	b
4/14/2015	x	AEON PD XD	LTP	b
2/11/2016	x	Air Tool Lubricant	C/Q, MS	b
Oct-17	x	Alconox	LTP	b
Jan-17	x	Alkaline Btteries	All Locatiions	b
Jan-14	x	Alumaseal	MS	b
2/27/2019	x	Ammonia ISA Buffer, 1L	LTP	b
2/1/2016	x	Amrex Odor Control Grit	LF	b
		Anti Foam	LTP	
		Anti Foam 7103	LTP	
4/8/2020	x	Antifreeze	All Locations	b
2/25/2020	x	Antiseze Compound (High Temperature)	MS	
3/16/2017	x	1620 Anti-spatter	WS	b
8/12/2020	x	Arcair Air Carbon Electrodes	WS	b
10/13/2016	x	Argon	WS	b
10/27/2016	x	Argon/CO2	WS	b
11/1/2013	y	Bar Keepers Friend	AB, MS	b
4/17/2015	x	Berkeble 2 + 2 Gum Cutter B-101	MS, WS	b
4/17/2015	x	Berkeble 2 + 2 Red Grease	MS, WS	b
6/8/2016	x	BlueDEF Diesel Exhaust Fluid	MS	b
6/4/2019	x	Buffer Solution pH 4.00	LTP	b
6/4/2019	x	Buffer Solution pH 7.00	LTP	b
6/4/2019	x	Buffer Solution pH 10.00	LTP	b
11/11/2014	y	Carbothane 133 VOC Part A	LTP	b
7/15/2010	y	CAT-Floc 8108 Plus	LTP	b
8/11/2016	x	CAT Standard Performance Top CoatYellow	MS	b
5/19/2016	x	Caustic Soda (See Sodium Hydroxide)	LTP	b
2/27/2018	x	Cherry Bomb	LF	b
7/8/2015	x	CIM Activator	LTP	b
3/9/2017	x	CIM Premix	LTP	b
2/6/2020	x	Core Shell 71301	LTP	b
		Crack Patch	MS	
4/1/2017	x	Crankcase Oil ISO68 (CAT Pumps)	LTP	b
11/13/2018	x	Dawn	AB, LTP, MS	b
2/19/2015	x	Deep Creep	MS	b
9/28/2015	x	Diesel 911	MS	b
2/1/2018	x	Diesel Fuel, #2	All Areas	b
2/16/2018	x	Diesel Fuel Theropy	MS	b

		Digestion Solution	LTP	
4/19/2016	x	Engine Brite Heavy Duty Engine Degreaser	MS	b
		Even Beed	MS	
5/13/2015	x	Evolution Cutting Fluid	WS	b
5/28/2019	x	Excalibur 308/308H-16	WS	b
5/28/2019	x	Excalibur 309/309L-16	WS	b
1/27/2020	x	Excalibur 309/309L-17	WS	b
10/3/2018	x	Excalibur 7018 MR	WS	b
7/16/2019	x	Excalibur 8018-C3 MR	WS	b
12/10/2009	y	Fast Steel	MS	b
6/15/2014	y	Ferric Chloride	LTP	b
July, 2006	y	Filler Metals Inc. 308	WS	b
10/3/2018	x	Fleetwood 5P+ (1/8 in.)	WS	b
10/3/2018	x	Fleetwood 5P+ (5/32 in.)	WS	b
8/8/2017	x	Formula 409 Cleaner	AB, LTP, MS, WS	b
7/1/2019	x	FreshaireA	LF, MS	b
2/4/2015	x	Gamma Neutroleum M-0991	MS	b
11/8/2017	x	Gasoline	All Areas	b
		630 Gear Oil	C/Q	
		Generator Oil	MS	
1/22/2015	x	GHS 100/105/107/110/115	MS	b
2/12/2015	x	GOJO	MS, WS	b
1/24/2013	y	Grease Lightning	MS	
		Hand Sanitizer/Moisturizer	MS	
4/8/2019	x	High Performance Thread Sealant 50ML	MS	b
3/15/2017	x	Hydrochloric Acid 37%	LTP	b
11/5/2014	y	Hy-Gard Transmission/Hyd.Oil	C/Q, LTP, MS, WS	b
5/30/2015	x	Industrial Maintenan.Coating Safety Orange	LTP, MS	b
6/18/2019	x	Innershield NR-211-MP	WS	b
8/1/2018	x	Isopropyl Alcohol - 99%	MS	b
3/23/2015	x	Jetweld L-H 70	WS	b
3/18/2016	x	John Deere HD LS 80W-90	MS	b
10/10/2007	y	KC-533 Polymer	LTP	b
1/18/2016	x	Kem Bond HS (Universal Metal Primer)	LTP	b
9/17/2009	y	Kemira PIX-311 (Ferric Chloride)	LTP	b
2/1/2018	x	Kerosene, ULSK-1	All Areas	b
12/7/2016	x	Lincoln 6010	WS	b
3/18/2015	x	Lincolnweld LA-100	WS	b
6/122/19	x	Lincore 55 G	WS	b
11/5/2014	y	Liquid Heat	C/Q	b
		Liquid Wrench	MS	
5/24/2012	y	Liquinox	LTP	
4/6/2001	y	Lock Deicer	MS	
7/2/2018	x	Lube-Matic (Weld Aid)	WS	b
8/7/2012	y	Lubriplate No.105	MS	b
12/30/2012	y	Lucas Heavy Duty Oil Stabilizer	MS	b
4/15/2013	y	Lucas Fuel Treatment	MS	b
3/26/2010	y	Lucas Injector Cleaner	MS	b
		Lucas Stop Slips	MS	
12/30/2012	y	Lucas Synthetic Oil Stabilizer	MS	b

3/19/2013	y	Mac's Silicon Spray	MS	b
		Marvel Mystery Oil	MS	
1/20/2016	x	Membrane Cleaner AA	LTP	b
3/10/2016	x	Membrane Cleaner B	LTP	b
1/20/2016	x	Membrane Cleaner C	LTP	b
9/15/2016	x	Membrane Preservative	LTP	b
4/8/2015	x	Methanol		b
2/11/2015	x	Mineral Spirits	LF	b
6/1/2015	x	Muriatic Acid	LTP	b
3/27/2015	x	NAPA Anti-Seize Lubricant (PTX80078)	MS	b
8/7/2014	y	NAPA Brake Clean	MS	b
5/13/2015	x	NAPA Brake Clean (Non-Chlorinated)	C/Q, MS	b
		NAPA Chain & Cable Lube	MS	
		NAPA Cold Weld	MS	
4/2/2015	x	NAPA Duty DOT 3 Brake Fluid	MS	b
		NAPA Electric Cleaner	MS	
		NAPA Gasket Remover	MS	
2/27/2015	x	NAPA High Tack Spray-A-Gasket	MS	b
4/6/2015	x	NAPA Mac's Battery Terminal Cleaner	MS	b
4/6/2015	x	NAPA Mac's Belt Dressing	MS	b
4/6/2015	x	NAPA Mac's White Lithium Grease	MS	b
5/23/2015	x	NAPA Prem Perf Automatic Trans. Fluid	MS	b
5/21/2015	x	NAPA Prem Perf Non-Det.SAE 30 MotorOil	MS	b
5/23/2015	x	NAPA Prem Perf Syn SAE 5W-20 MotorOil	MS	b
5/23/2015	x	NAPA Prem Perf Syn SAE 5W-30 MotorOil	MS	b
		NAPA Radiator Cleaner	MS	
5/18/2015	x	NAPA Spray Adhesive (PTX82019)	MS	b
4/24/2015	x	NAPA Thread Sealant W/PTFE (PTX80632)	MS	b
4/13/2020	x	65 Nickel Electrode	WS	b
4/13/2020	x	Niclel 99	WS	b
4/13/2020	x	NIC-L-Weld 59	WS	b
2/27/2020	x	Nitric Acid, 65%	LTP	b
4/30/2019	x	Nitrogen, compressed gas	WS	b
11/19/2014	y	Nozzle Dip	WS	b
3/6/2015	x	Outershield 71 Elite	WS	b
6/1/2014	y	Outershield 71M	WS	b
		Overlay Plates & bars	WS	
9/22/2020	x	Oxygen, compressed	LTP, WS, MS	b
		Packing Lubricant	LTP	
1/30/2016	x	PB Blaster (Penetrating Catalyst)	LTP, MS, WS	b
1/25/2018	x	PermaClean PC-11	LTP	b
12/5/2014	y	PermaClean PC-40	LTP	b
1/5/2015	x	Pine-Sol	AB, LTP, MS, WS	b
4/2/2015	x	Pledge	AB	b
4/15/2013	y	Power Steering Stop Leak	MS	b

4/18/2014	y	Premalube Black	C/Q	b
10/18/2013	y	Premalube Red	C/Q, LTP, MS, WS	b
8/31/2016	x	Premalube Red #1 WG	C/Q, LTP, MS, WS	b
9/18/2014	y	Prestone De-Icer for Windows & Wipers	MS	b
4/8/2015	x	Propane	LTP,MS, WS	b
11/1/2010	y	Propylene Glycol	All Areas	b
2/12/2015	x	Pumace Hand Cleaner	MS	
1/11/2017	x	PVC Cement (Clear/Med.Body)	LF, LTP, MS, WS	b
		Ritdye	MS	
3/10/2016	x	ROPREP	LTP	b
		Rough Shield Silver Gray	MS	
6/2/2006	y	Rust-Oleum Hi Perfm. Enamel (Aerosol)	C/Q, LTP, MS, WS	b
		Safety Red (Paint)	MS	
10/4/2016	x	Scatter Bubblegum	LF	b
6/17/2019	x	Scatter Granular Odor Counteractant	LTP	b
	y	Scotch Brite Surface Conditioning Product		b
5/1/2018	x	Shell Morlina S4 B 320	MS	b
5/26/2020	x	Shell Omala S2 GX 150	MS	b
4/27/2020	x	Shell Omala S4 GXV 320	MS	b
5/13/2015	x	Shell Rotella ELC Pre-diluted 50/50	MS	b
4/22/2020	x	Shell Spirax S2 ALS 80W-90	MS	b
2/24/2020	x	Shell Spirax S6 ATF A295	MS	b
11/05/2019	x	Shell Tellus S2 VX 68	MS	b
2/20/2019	x	Shell Tellus S3 M 46	MS	b
2/17/2020	x	Shell Turbo Oil	MS	b
		SL1000	LTP	
8/23/2018	x	SL4000 Pine	LF	b
5/19/2016	x	Sodium Hydroxide Solutions (Caustic Soda)	LTP	b
3/4/2015	x	Soil Equivalent Foam AC-667SE	LF	b
10/1/2013	y	Spears CPVC-24 Low VOCCement	LF, LTP, MS	b
6/2/2006	y	Spray Paint, Aerosol (Rust-Oleum)	C/Q, LTP, MS, WS	
1/9/2015	x	Sulfuric Acid, 66 Deg	LTP	b
7/13/2018	x	Sunoco Challenge PAO 320	MS	b
6/30/2014	y*	Sunoco HD Lithium Complex 5% Moly		
		EP Greases #1 & #2	MS	b
7/13/2018	x	Sunoco 80W90 GL	MS	b
7/13/2018	x	Sunoco Multi-Purpose ATF	MS	
4/5/2019	x	Sunoco Sunep Gear Oils (61633, 6293,	MS	b
		(6253, 6173, 6213, 6183, 6833)	MS	b
7/13/2018	x	Sunoco Super C 15W-40 Diesel Engine Oil	MS	b
7/13/2018	x	Sunoco TH Fluid (J20C)	MS	b
7/13/2018	x	Sunoco TO-4 Transfluid 10W	MS	b
7/13/2018	x	Sunoco TO-4 Transfluid 30	MS	b
7/13/2018	x	Sunoco TO-4 Transfluid 50	MS	b
7/8/2019	x	Super Arc L-56	WS	b
3/17/2015	x	Super Arc LA-100	WS	b
		Super Electrode Ext. 332-3	WS	
11/3/2018	x	SuperGlaze 4043 (Gas Metal Arc Welding)	WS	b
11/3/2020	x	Super Glaze 4043 (Tungsten Arc Welding)		b
3/25/2015	x	SuperGlaze 5356	WS	b
4/30/2013	y	Super Missileweld Welding Electrode	WS	b

8/15/2011	y	Tap Magic (cutting Fluid)	WS	b
1/29/2015	x	Threadlocker Blue 36 ML, Medium Strength	MS	b
2/26/2015	x	Threadlocker Red 36ML, High Strength	MS	b
*2/11/2008	y	Thrust Quick Starting Fluid	MS	b
3/24/2009	y	UltraBlack	MS	b
2/28/2015	x	Ultracore FCP 309L	WS	b
2/13/2018	x	Ultrion 8187	LTP	b
5/10/2012	y	Unipac All-temp Rotary Lube Blower Oil	LTP	b
11/29/2014	y	Unisol Liquid Red B-50	MS	b
8/8/2016	x	Upside-Down Paint (Orange Marking Paint)	LF, MS	b
4/24/2013	y	Urethane Converter 811	LTP	b
		Valvoline Premium Blue 15W40 Motor Oil	MS	
6/1/2011	y	Wasp and Hornet Killer	MS	b
3/11/2010	y	WD-40 (Aerosol)	All Areas	b
3/23/2015	x	Wearshield ABR	WS	b
6/3/2019	x	Wearshield Mangjet	WS	b
6/3/2019	x	Wearshield ME	WS	b
4/30/2015	x	Wearshield 15 CrMn	WS	b
4/1/2015	x	Wearshield 60	WS	b
		Weld Mold Co. 316T - 1	WS	
4/30/2015	x	Weld-On P-68	LTP, MS, WS	b
1/28/2010	y	Windex	AB, LF, LTP, MS, WS	b
5/3/2018	x	Zep Brake Flush	MS	b
4/18/2018	x	Zep Formula 15282	MS	b

x < 5 yrs.Old
y > 5 yrs.Old
b SDS in Binder