



Preparedness, Prevention, and Contingency Plan
Petroleum Recycling Corp.
3000 East Ontario Street
Philadelphia, PA 19134
PADEP Solid Waste Permit No. 301352
PWD Wastewater Discharge Permit No. PETR00011137WS
REPSG Project No. 009929

December 7, 2018

This *Preparedness, Prevention, and Contingency Plan* has been prepared in accordance with the requirements set forth in the associated Pennsylvania Department of Environmental Protection solid waste permit and Philadelphia Water Department wastewater discharge permit.

Prepared for:

Petroleum Recycling Corp.
3000 East Ontario Street
Philadelphia, PA 19134
Attention: Mr. Carl Forcillo

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I. EXECUTIVE SUMMARY

On behalf of Petroleum Recycling Corp. (PRC), React Environmental Professional Services Group, Inc. (REPSG), presents this Preparedness, Prevention, and Contingency Plan ("PPC Plan") for the property known as Petroleum Recycling Corp. located at 3000 East Ontario Street, Philadelphia, PA. This PPC Plan has been developed to apply to both current and proposed operations has been prepared in accordance with the requirements set forth in the associated Pennsylvania Department of Environmental Protection (PADEP) solid waste permit (no. 301352) and Philadelphia Water Department (PWD) wastewater discharge permit (no. PETR00011137WS). Copies of this PPC Plan have been provided to the PADEP and the PWD and will also be retained on-site.

II. DESCRIPTION OF FACILITY

II.1 GENERAL DESCRIPTION OF INDUSTRIAL OR COMMERCIAL ACTIVITY

Petroleum Recycling Corp. (PRC) facility is located at 3000 East Ontario Street, Philadelphia, Pennsylvania. The site includes administrative offices, a waste liquid storage/process area, and miscellaneous storage buildings. A U.S.G.S. Quadrangle indicating the facility location is included in **Attachment 1**. A site plan showing the general site layout including property lines, access roads, process areas, loading and unloading areas, and site drainage, is also included in **Attachment 1**. The plant is currently proposed to operate at a rate of one shift per day, totaling 75 hours per week between Monday and Saturday.

The primary business activity of PRC is the collection and processing for resale of on-specification petroleum products and waste oils. Petroleum products originate from residual product remaining in storage tanks undergoing closure. Waste oil includes any synthetic or petroleum-based oil, including motor oil that has been used and as a result of such use is contaminated by physical or chemical impurities. PRC intends to operate this waste oil processing facility that will be capable of treating waste oil and waste oil/water emulsions. PRC will render such oil waste suitable for energy recovery and beneficial use in accordance with applicable environmental laws and regulations.

The company will be involved in the processing of non-hazardous waste oil, oil/water mixtures, and industrial oils used for lubricating. When used in these processes the oils pick up fine solids, debris and water, and become emulsified. These contaminants must be removed to render the oils recyclable. On-specification oil determination is made only when the oil has been loaded onto tanker trucks and tested for official determination.

The facility is capable of bulking up to 70,000 gallons per day of oil or wastewater. The proposed storage capacity of the facility is 130,000 gallons which includes the existing tanks #1,

2, 3, 4, 5, & 6 and all of the wastewater processing vessels and tanks within the enclosed building, as shown in **Table 1** below.

Oil/water emulsions, sludges, and antifreeze accepted at the facility will be treated via a heat screening separator, centrifuge, and oil/water separator in order to recover all oil from the wastes. The treated water will be collected in aboveground storage tanks and discharged to the City of Philadelphia POTW or a permitted off-site treatment facility. Potential off-site treatment facilities include FCC Environmental (Wilmington, DE and Baltimore, MD), ACV Enviro (Clayton, NJ), Lancaster Oil Co. (Lancaster, PA), and Spirit Services, Inc. (Williamsport, MD). The public drinking water supply for the Philadelphia area is drawn from the Delaware and Schuylkill Rivers.

PRC's PADEP solid waste disposal and/or processing facility permit also includes the following waste management activities: the collection of oily water and soils contaminated with petroleum hydrocarbons. Residuals generated from site activities include tank bottom residuals and empty drums.

II.2 DESCRIPTION OF EXISTING EMERGENCY RESPONSE PLAN

The facility has also developed an Operational Safety Plan (OSP), which covers facility compliance with regulations pertaining to occupational safety. Copies of this OSP have been provided to the PADEP and the PWD and will also be retained on-site.

II.3 MATERIAL AND WASTE INVENTORY

Operations will involve the following storage capacities and maximum inventories of materials:

Table 1. Material and Waste Inventory

Material	Location/Tank Number	Maximum Storage Capacity
Oily water and emergency storage use such as storage of runoff within the containment or any leakage of material from the waste oil tanks	AST #1 (existing)	14,000 gallons
Vehicular used oil; on specification #2, 4 & 6 oil contaminated by physical or chemical impurities; and industrial oil; and di-electric fluid	AST #2 (existing)	15,000 gallons
	AST #3 (existing)	15,000 gallons
	AST #4 (existing)	15,000 gallons
	AST #5 (existing)	15,000 gallons
	AST #6 (existing)	15,000 gallons
Oil processing vessels and tanks within wastewater treatment building	Bulk stabilization tank #1	20,000 gallons
	Bulk stabilization tank #2	20,000 gallons
	Oil/water separator	1,000 gallons

II.4 POLLUTION INCIDENT HISTORY

There is no history of pollution incidents at the site.

III. PLAN IMPLEMENTATION BY ORGANIZATION

III.1 ORGANIZATIONAL STRUCTURE FOR IMPLEMENTATION OF THE PLAN

The PPC Committee will consist of several employees/officers of the facility. The main duties and responsibilities of the Committee include:

- identification of materials and wastes handled;
- identification of potential spill sources;
- establishment of spill reporting procedures;
- implementation of visual inspection programs;
- review of past incidents and spills;
- determination of appropriate spill countermeasures;
- coordination of spill cleanup resources;
- notification of authorities;
- establishment of training and educational programs for facility personnel;
- review and evaluation of this SPCC Plan at regular intervals; and
- review of process and construction changes relative to this PPC Plan.

The proposed members of the PPC Committee are shown in **Table 2**.

Table 2. PPC Committee Contact Information

Name	Organization	Title	Address	Phone Number
Carl Forcillo	PRC	President	3000 East Ontario Street, Philadelphia, PA 19134	(610) 772-4707
Joe Koch	PRC	--	3000 East Ontario Street, Philadelphia, PA 19134	(215) 908-6295
Joe Fiel	PRC	--	3000 East Ontario Street, Philadelphia, PA 19134	(215) 490-2296
Andrew Collings	REPSG, Inc.	Project Manager	6901 Kingsessing Avenue, Philadelphia, PA 19142	(267) 688-7305

III.2 LIST OF EMERGENCY COORDINATORS

The designated Emergency Coordinator (EC) and Alternate ECs for the facility are shown in **Table 3**.

Table 3. Emergency Coordinator Contact Information

Name	Organization	Title	Address	Phone Number
Carl Forcillo, EC	PRC	President	3000 East Ontario Street, Philadelphia, PA 19134	(610) 772-4707
Joe Koch, Alternate EC	PRC	--	3000 East Ontario Street, Philadelphia, PA 19134	(215) 908-6295
Joe Fiel, Alternate EC	PRC	--	3000 East Ontario Street, Philadelphia, PA 19134	(215) 490-2296
On-site office contact	PRC	--	3000 East Ontario Street, Philadelphia, PA 19134	(215) 291-9400

III.3 DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR

In the event of an emergency, including an emission, discharge, fire, or explosion, the EC (or designated Alternate EC in the event of the absence of or as directed by the EC), shall perform the following tasks:

- Determine the character, exact source, amount, and aerial extent of emitted or discharged materials. If possible without jeopardizing personal safety, stop the flow of the release.
- Assess hazards to employees, neighboring properties, and the community, considering both direct and indirect effects of the emission, discharge, fire, or explosion.
- If necessary, implement a full or partial facility evacuation following the procedures outlined in **Section V.4**. If an evacuation is implemented, ensure employees remain in an area, which does not interfere with the movements of response personnel and equipment.
- Notify appropriate local emergency response agencies, listed in **Section VI.1**.
- Notify appropriate regulatory agencies as described in **Section VI.2**. If agency notification is required, based on the character and quantity of the release, the notification should be accomplished as soon as practicable.
- If the release is from an aboveground tank and is not contained prior to reaching the storm drain system, notify downstream water users as described in **Section VI.3**. Notification, if required, should be accomplished within 1 hour of the release.
- Take all measures reasonable to ensure that the fire, explosion, emission, or discharge does not spread to other materials, wastes, and areas at the facility. Such measures could include stopping bulking operations, removing containers, or collecting and containing released materials.
- After an emergency and in coordination with PADEP, provide for treatment, storage, and disposal of residues, soil, and debris resulting from the emergency response efforts.
- Ensure that all facility-owned emergency equipment used in response efforts is decontaminated or replaced and returned to the designated storage area.

- Prepare and submit required written follow-up reports to PADEP within 15 days after the incident. The report must include: name, address, and phone number of the person reporting the incident; name, address, and telephone number of the facility; date, time, and location of the incident; a brief description of the circumstances causing the spill; description and estimated quantity of the materials involved extent of contamination of land and water that has occurred; estimated quantity and disposition of recovered materials or wastes that resulted from the incident; and description of what actions the facility intends to take to prevent a similar occurrence in the future.
- In coordination with the PPC Committee, determine if this Plan should be modified based on its implementation during the emergency.

III.4 CHAIN OF COMMAND

In the event of an emergency, the key personnel shown in **Table 4** should be notified immediately.

Table 4. Chain of Command Contact Information

Name	Organization	Title	Address	Phone Number
Carl Forcillo, EC	PRC	President	3000 East Ontario Street, Philadelphia, PA 19134	(610) 772-4707
Joe K., Alternate EC	PRC	--	3000 East Ontario Street, Philadelphia, PA 19134	(215) 908-6295
Joe F., Alternate EC	PRC	--	3000 East Ontario Street, Philadelphia, PA 19134	(215) 490-2296

IV. SPILL AND LEAK PREVENTION AND RESPONSE

IV.1 PRE-RELEASE PLANNING

This section contains a discussion of the sources and areas where spills and leaks may occur, the direction of flow, and pollution prevention practices. A diagram of existing and proposed site features is included in **Attachment 1**.

IV.1.1 Bulk Fluids Loading and Unloading

Potential sources of spills during bulk fluids loading and unloading operations consist mainly of the following:

- rupture of transfer piping;
- leaks and disruptions in valves and connections;
- overfilling of tanks and tanker truck compartments.

Product transfers are conducted using flexible quick-connect banded hosing with one-way valves. The integrity of hoses is inspected on a regular basis by facility personnel during the working day. The product transfers conducted by PRC personnel must be attended continuously. Transfers are accomplished using either portable pumps or tank pumps with an approximate fill rate of 60 to 300 gpm, per the proposed pump's characteristics. Pump controls are located within sight of the truck and receiving tank. Following pump disengagement, residual material remaining in the transfer piping is either secured with oil-tight hose plugs or collected using trays or pails and immediately returned to the appropriate tank by facility personnel.

In the event of a rupture of transfer piping or a leaking connection, the transfer pump would be shut off and the spill area would be contained using oil absorbent pads and booms. Tanker truck overflows would be contained in the same manner. Free spilled material would be recovered using portable pumps. All off-loading is conducted in a curbed area that is capable of containing hose rupture or breach.

IV.1.2 Storage Tank Fluids

The primary sources of releases from storage tanks are from overflow(s). There is a remote potential for structural failure of a storage tank. High-level alarms have been installed in all existing above ground storage tanks.

The proposed oil storage tanks are located in a concrete dike containment area with capacity of 23,000 gallons. In the event of a release from a tank, the released material would not migrate beyond the containment and would be contained to allow for collection.

Tank valves remain in a locked, closed position except during transfers. The tank volume is gauged following every product transfer. In the event of a tank overflow the high-level alarm will sound and the transfer pump would be shut off and the spill area would be contained using oil absorbent pads and booms. The spilled material would be recovered using portable pumps and/or tank trucks.

IV.2 MATERIAL COMPATIBILITY

All fluids proposed for bulking will be stored in labeled, dedicated tanks. However, in the event that inadvertent mixing occurs, all fluids are compatible with each other, and mixing would not result in fire, explosion, or reaction.

Tank materials of construction and product transfer equipment used throughout the facility are compatible with the materials stored.

IV.3 INSPECTIONS AND MONITORING PROGRAM

Inspections and monitoring are performed to ensure safe and proper working order of equipment and compliance with applicable regulations and permit restrictions. Operating records for each load reflects the quantity of fluids and drummed material in storage at any given time. On a daily basis prior to bulking, equipment is inspected to ensure proper and safe working order.

Tank integrity is ensured by regular visual inspections of the tanks for signs of weakening integrity, including cracks and discoloration around the tank foundation, corrosion and damage to the tank, and any obvious drips or leaks. Interior inspections are performed in accordance with manufacturers' specifications. Valves, valve fittings, piping, and pumps are inspected each operating day for leakage and corrosion.

Emergency response supplies are replaced following use and inspected regularly to ensure adequate supply and proper working order. Fire extinguishers are visually inspected monthly and serviced and tagged annually, as required by NFPA regulations.

IV.4 PREVENTATIVE MAINTENANCE

Preventive maintenance of processing and ancillary equipment is conducted in accordance with manufacturers' specifications. Normal replacement parts will be available on-site. Minor breakdowns of equipment will be repaired by facility employees whenever possible. In the event of major maintenance or repair demand, incoming waste shipments will be rescheduled. Records are maintained of all repairs and replacements.

IV.5 HOUSEKEEPING PROGRAM

Good housekeeping practices will be employed:

- Truck and pedestrian traffic ways will remain free from obstruction and regularly swept.
- All drums, tanks, and other materials will be labeled and kept closed except when material is being added or removed.
- Receptacles are placed beneath valves and moving parts to collect minor leaks. The receptacles are inspected at least each operating day and emptied, if necessary. Faulty valves and fittings are repaired or replaced promptly.
- Office areas and facility grounds will be patrolled for litter. An outside contractor removes garbage for disposal.

IV.6 SECURITY

All deliveries must be pre-approved and scheduled. Traffic patterns and truck queuing areas are established to ensure smooth traffic flow and prevent bottlenecks.

The entire facility is fenced. Gates and building entrances are locked during off hours. Adequate security lighting is utilized to deter vandals and other unwanted parties from disrupting facility operations. The entire facility is alarmed, with direct reporting to the EC, Alt. EC, and Police Dept. Precinct #24.

Tank valves are maintained in the locked, closed position during off hours and during stand-by periods.

IV.7 EXTERNAL FACTORS

In the event of an equipment failure or power outage, waste materials will not be accepted unless storage capacity is available. Once the permitted storage volume has been consumed, shipments already scheduled will be either rescheduled or diverted to alternative processing or disposal facilities.

In the event of telephone failure, normal operations would continue, since facility 2-way radios, cell phones, and neighboring facility telephones would be available to summon emergency response personnel.

In the event of a flood, snowstorm, or other weather condition that could negatively impact employee safety or the environment during waste receipt and bulking, operations will be shut down until normal operations can resume.

IV.8 EMPLOYEE TRAINING PROGRAM

OSHA Hazard Communication training that complies with 29 CFR 1910.1200 is provided to all site personnel. Records of employee OSHA training are maintained as required by OSHA regulations.

In addition, personnel will be required to undergo site-specific on-the-job training prior to working unsupervised in any position. On the job training will be given with respect to operational safety, operating procedures, emergency response, and other applicable OSHA Standards. Facility compliance with these standards is discussed in the OSP. On the job training will be documented in writing. During training, a booklet describing safety procedures will be issued to each employee. Ongoing safety programs will be conducted. Standard Operating Procedures (SOPs) will be posted in operating areas. Emergency phone numbers and relevant first aid procedures will be posted throughout the facility.

V. COUNTERMEASURES

V.1 COUNTERMEASURES TO BE UNDERTAKEN BY THE FACILITY

In the event of a fire, all employees not trained to use fire extinguishers will be evacuated from the premises upon sounding of a fire alarm or verbal order to evacuate. Fire extinguishers will be used only on fires in the incipient stage. The fire department will be called to respond to any and all fires, which cannot be quickly extinguished using available fire extinguishers.

The facility is equipped to respond to any size spill that can be anticipated from current and proposed operations. Facility personnel will respond with available spill control equipment to contain spills on land. The following procedure will be used:

- Stop the flow of the spill by shutting off pumps and closing valves.
- Block overland entrances to any storm drains with absorbent pads and booms.
- Surround spill area with absorbent booms.
- Use facility oil trucks and pumps to collect the spilled material and place it into a receiving tank.

In the event that spilled material cannot be contained, an emergency response contractor listed in **Section VI.1** would be called. Contractors listed are capable of responding to a spill within 2 hours and are capable of responding to the maximum worst case discharge anticipated.

V.2 COUNTERMEASURES TO BE UNDERTAKEN BY CONTRACTORS

In the event that a spill cannot be contained, an emergency response spill contractor would be contacted to intercept the spill. Vacuum trucks or tankers would be used to prevent oil from migrating to any storm drains or roadways that were not protected by spill planning procedures. See site plan included in **Attachment 1** for adequate layout to allow unobstructed access for emergency vehicles and equipment.

V.3 INTERNAL AND EXTERNAL COMMUNICATION AND ALARM SYSTEMS

Internal communications are direct person-to-person. The call to evacuate will be delivered by voice or by voice that is amplified by bull-horn. Facility telephone service and cellular phones are available to summon emergency assistance from local fire and police departments.

V.4 EVACUATION PLAN FOR FACILITY PERSONNEL

In order to maintain employee safety and provide adequate space for emergency response agencies, the following emergencies will necessitate evacuation of all employees (with the exception of the Emergency Coordinator and Response Personnel) from the facility:

- fire of any size;
- explosion; or
- severe employee injury.

The call to evacuate will be delivered by voice or by voice that is amplified by bullhorn, using the word, "EVACUATE". Prior to evacuating, all process equipment will be shut down.

Employees are to exit the building by means of the closest exit. The designated assembly area will be outside the entrance gate located near the two-story office building front. A head count will be performed once evacuation is complete to account for any missing employees.

V.5 EMERGENCY EQUIPMENT AVAILABLE FOR RESPONSE

Portable fire extinguishers are present in loading areas and process areas for use by employees trained in their use. Fire extinguishers locations are located throughout the Facility. Facility employees will respond to fires in the incipient stage only. For larger fires, the fire department will be summoned. The closest fire hydrant is located on Ontario Street, directly in front of the facility offices. First aid kits are also available.

An oil truck (4,400-gallon capacity) and various portable pumps are available at the facility to be employed in the event of a spill. In addition, the following equipment and supplies are maintained onsite, located in spill response drums:

- 800 absorbent pads
- 2- 8" x 10' booms
- 3- 4" x 10' booms
- 30- 3" x 3' booms
- Tank Repair Kit(s): "Repair Putty" epoxy polymer for repair of pipes, valves, and tanks; "Patch" epoxy patch for tank or drum leaks; "Responder Kit" includes non-sparking wrench, assorted wooden cones, neoprene cones, wooden wedges, tapered pegs, boiler screws, metal washers, rubber washers, dowel pins, wool lead, golf tees, lead tape, rubber mallet, cinch strap, and urethane patch.
- Floor Dry - A minimum of 400 pounds (8 bags)
- Welding equipment and supplies
- Portable lighting
- Various hand tools (shovels, brooms, etc.)

Materials handled at the facility currently do not necessitate the availability of a safety shower. Portable eyewash kits are available. Equipment used during spill response will be dry wiped

with disposable absorbent to accomplish decontamination. Gas monitoring equipment is not necessary for routine facility operations.

VI. EMERGENCY SPILL CONTROL NETWORK

VI.1 ARRANGEMENTS WITH LOCAL EMERGENCY RESPONSE AGENCIES, HOSPITALS, AND CONTRACTORS

Local emergency response contacts are listed in **Table 5**.

Table 5. Emergency Response Contact Information

Resource	Contact	Phone Number	Address
Ambulance	Protech Ambulance Company	911 (215) 427-9001	3325 Edgemont Street, Philadelphia, PA 19134
Fire	Philadelphia Fire Department Engine #28	911 (215) 922-6000	Belgrade and Ontario Streets, Philadelphia, PA 19134
Hospital	Frankford Hospital	(215) 831-2000	Frankford Avenue and Walking Street, Philadelphia, PA 19124
Police	Philadelphia Police Department, 24 th District	911 (215) 686-3240	Front and Westmoreland Streets, Philadelphia, PA 19124
Police, State	Pennsylvania State Police, Trevoise Headquarters	911 (215) 757-6921	3970 New Street, Bensalem, PA 19020
Water Department	City of Philadelphia Water Authority, City Municipal Dispatcher	(215) 686-4514	Baxter WTP, 9001 State Road, Philadelphia, PA 19136
Electric Company	PECO Energy	(800) 841-4141	2301 Market Street, Philadelphia, PA 19101
Spill Cleanup	Ron Gould, HEPACO, LLC	(215) 729-3224	6901 Kingsessing Avenue, Philadelphia, PA 19142
Environmental Consultant	Andrew Collings, REPSG, Inc.	(267) 688-7305	6901 Kingsessing Avenue, Philadelphia, PA 19142

VI.2 REGULATORY NOTIFICATION LISTS

Notify the agencies listed in **Table 6** immediately by phone in the event of an emission, discharge, fire, or explosion, which could threaten human health or the environment. If notification has been given to a regulatory agency, a follow up letter prepared by the operations manager or president of PRC will be sent containing all applicable information pertaining to the incident to the same agency within 5 days.

Table 6. Regulatory Notification Contact Information

Organization	Note	Phone Number	Address
U.S. Environmental Protection Agency National Response Center	Notify of a spill of any size to the river or if quantity in excess of 25 gallons of a hazardous substance	(800) 424-8802	1650 Arch Street, Philadelphia, PA 19103-2029
Pennsylvania Department of Environmental Protection, Southeast Regional Office		(484) 250-5900	2 East Main Street, Norristown, PA 19404
Pennsylvania Fish and Boat Commission, Southeast Office	Notify of a spill of any size to the river	(717) 626-0228	255 West Brubaker Valley Road, Lititz, PA 17543
City of Philadelphia Water Department		(215) 685-6300	1101 Market Street, 5th Floor, Philadelphia, PA 19107
City of Philadelphia Office of Emergency Management	--	(215) 686-1300	240 Spring Garden Street, Philadelphia, PA. 19123
Pennsylvania Emergency Management Agency, Eastern Area Office	--	(800) 372-7362	PO Box 26, 3566 Old Route 22, Hamburg, PA 19526

Report the following information when making regulatory notifications:

- name of the person reporting the incident;
- name and location of the facility;
- phone number where the person reporting the spill can be reached;
- date, time, and location of the spill;
- identification of the spilled material;
- quantity spilled and extent of contamination of land and water;
- extent of injuries; and
- possible hazards to human health or the environment.

VI.3 DOWNSTREAM NOTIFICATION REQUIREMENT FOR RELEASES FROM STORAGE TANKS

In the event of a release to the Delaware River notify the downstream municipalities and water users identified in **Table 7** by phone within 2 hours of the release.

Table 7. Downstream Notification Contact Information

Organization	Phone Number
U.S. Environmental Protection Agency National Response Center	(800) 424-8802
Pennsylvania Department of Environmental Protection Southeast Regional Office	(484) 250-5900
Pennsylvania Fish and Boat Commission	(717) 626-0228
Pennsylvania State Police, Trevoise Headquarters	(215) 757-6921
City of Philadelphia Water Department	(215) 685-6300
Philadelphia Police Department	(215) 686-3240
Philadelphia Fire Department	(215) 922-6000
City of Philadelphia Office of Emergency Management	(215) 686-1300
Palmyra Borough Office	(856) 829-6100
Palmyra Borough Sewer Department	(856) 829-6100
Pennsauken Township Sewer Authority	(856) 663-5542
Delaware County Regional Water Quality Control Authority	(610) 876-5523
Delaware River Basin Commission	(609) 883-9500
Delaware County Emergency Management Agency	(610) 565-8700
Media Borough Water Company	(610) 566-5210
Gloucester City Administration Office	(856) 456-1250
Gloucester City Water Department	(856) 456-0169
Gloucester County Office of Emergency Management	(856) 307-7155
Woodbury City Hall	(856) 845-1300
Woodbury City Water and Sewer Department	(856) 853-0892
City of Camden Office	(856) 757-7000
Camden City Water and Sewer Department	(856) 757-7680
Camden County Office of Emergency Management	(856) 783-4808
City of Chester	(610) 447-7795
Township of Chester Municipal Building	(610) 494-4149
Chester Heights Borough Municipal Office	(610) 494-4412
Marcus Hook Borough Municipal Office	(610) 485-1341

VII. STORM WATER MANAGEMENT PRACTICES

Stormwater within the Petroleum Recycling Corp. Residual Waste Permit Area is managed and conveyed by an existing series of inlets and stormwater culverts, which were designed and constructed according to the applicable host county and municipality regulations at the time. No additional stormwater controls are proposed for the facility. Stormwater runoff from the site is managed by an existing storm sewer system. Stormwater is collected in a series of inlets then is conveyed off-site in a controlled manner. The site is adequately managed with the existing stormwater controls, and additional stormwater controls are not proposed for the facility.

VIII. SEDIMENT AND EROSION PREVENTION

The project will not involve earthmoving activities, grading, or construction of erosion and sedimentation controls. An enclosed building housing the wastewater treatment operation has been constructed on a slab foundation over existing impermeable area, so no significant earth disturbance was required. Erosion and sedimentation control is provided by stabilized surfaces (concrete and gravel) and the existing stormwater management controls.

IX. CERTIFICATION REQUIREMENTS FOR NON-STORMWATER DISCHARGES

The entire facility is paved and no activities involving earthmoving, grading, or additional paving are currently proposed.

Petroleum Recycling Corp.
December 7, 2018

SPPC Plan
3000 East Ontario Street, Philadelphia, PA 19134
REPSG Reference No. 009929

**SIGNATORY REQUIREMENTS: SPILL AND LEAK PREPAREDNESS, PREVENTION
AND CONTINGENCY PLAN**

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

ATTEST: _____ Petroleum Recycling Corp.

Signature: Carl Forcillo
Mr. Carl Forcillo, President

Date: 12/20/18

I certify that on Dec 20, 2018, Mr. Carl Forcillo personally came before me, and this person acknowledged under oath, to my satisfaction, that:

- (a) this person is the president of Petroleum Recycling Corp., the corporation named in this document;
- (b) this document was signed and delivered by the corporation as its voluntary act and was duly authorized;
- (c) this person signed this proof to attest to the truth of these facts.

Signed and sworn before me on Dec 20, 2018

Signature: Annette L. Davis, Notary Public

Annette L. Davis - Office Manager
[Print name and title]

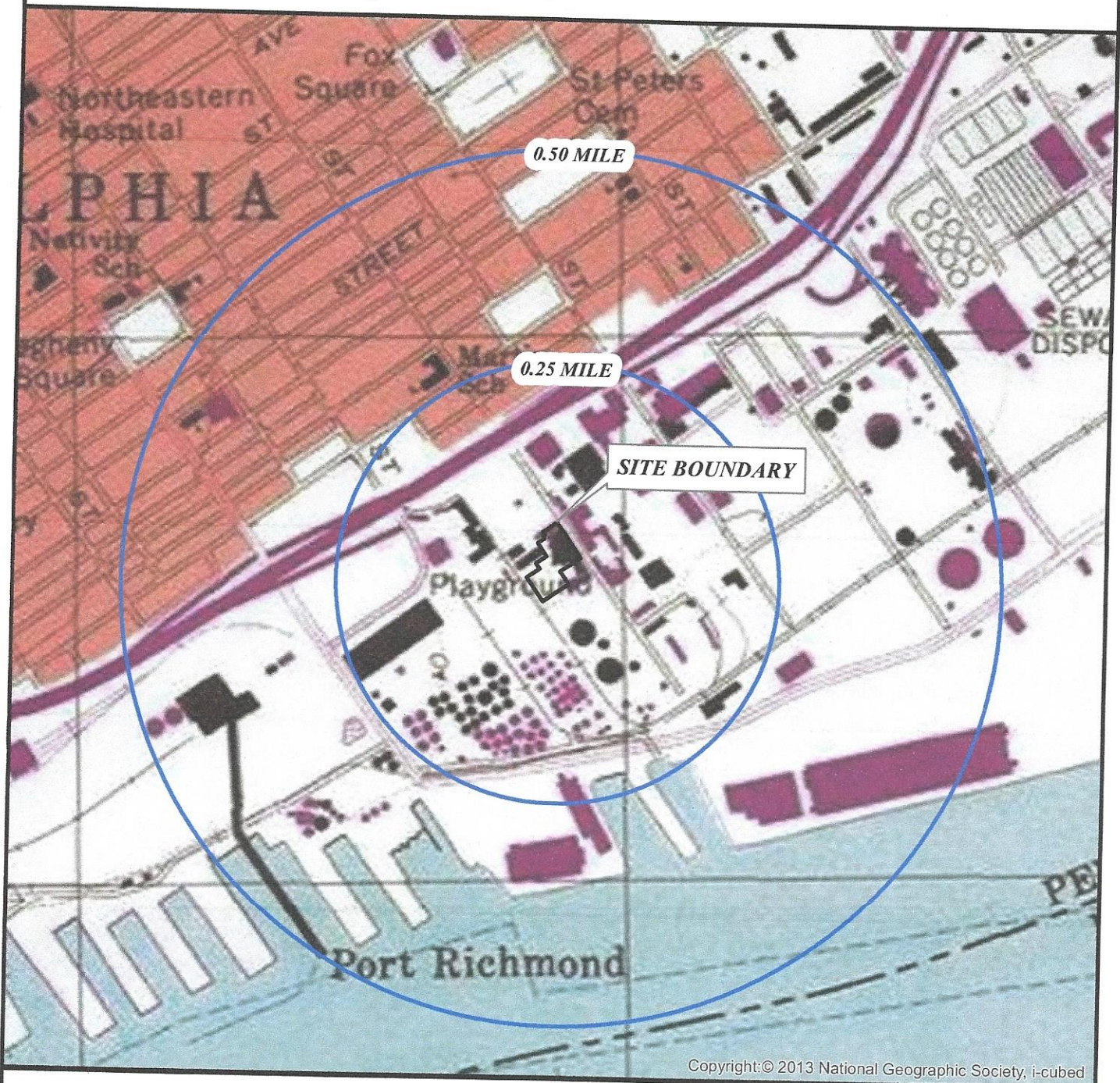
Annette L. Davis
NOTARY PUBLIC
State of Delaware
My Commission Expires 11-13-2019

Petroleum Recycling Corp.
December 7, 2018

PPC Plan
3000 East Ontario Street, Philadelphia, PA 19134
REPSG Reference No. 009929

ATTACHMENT 1: FIGURES

Figure 1. USGS Topographic Map



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QUADRANGLE: USGS 7.5- MINUTE SERIES PHILADELPHIA, PA
COORDINATES: 247486 N, 2712494 E (NAD 83 PA State Plane, South Zone, US Feet) / 39.585737 N. Latitude, 75.54079 W. Longitude
ELEVATION: 26 FEET
TOPOGRAPHY: GENTLE SLOPE (< 2%) SE TOWARDS DELAWARE RIVER
SURFACE WATER: DELAWARE RIVER (1306 FEET - SE)



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MAP SCALE: 1 inch = 875 feet
 0 150 300 600 900 1,200
 Feet

PROJECT NAME: PETROLEUM RECYCLING CORP
PROJECT ADDRESS: 3000 EAST ONTARIO STREET, PHILADELPHIA, PA
PROJECT NUMBER: 009929
DATE: NOVEMBER 2015



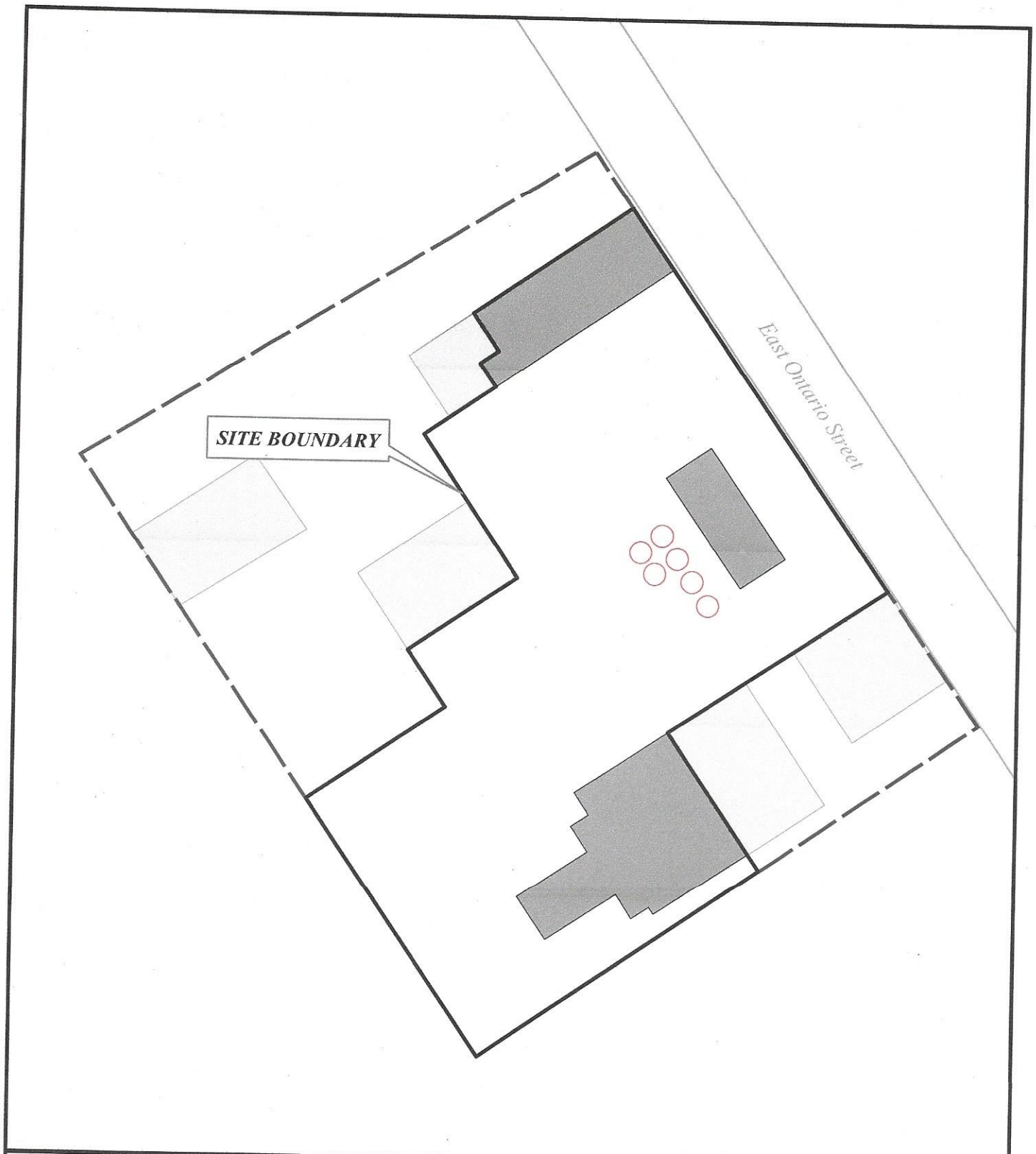


Figure 2. Site Diagram

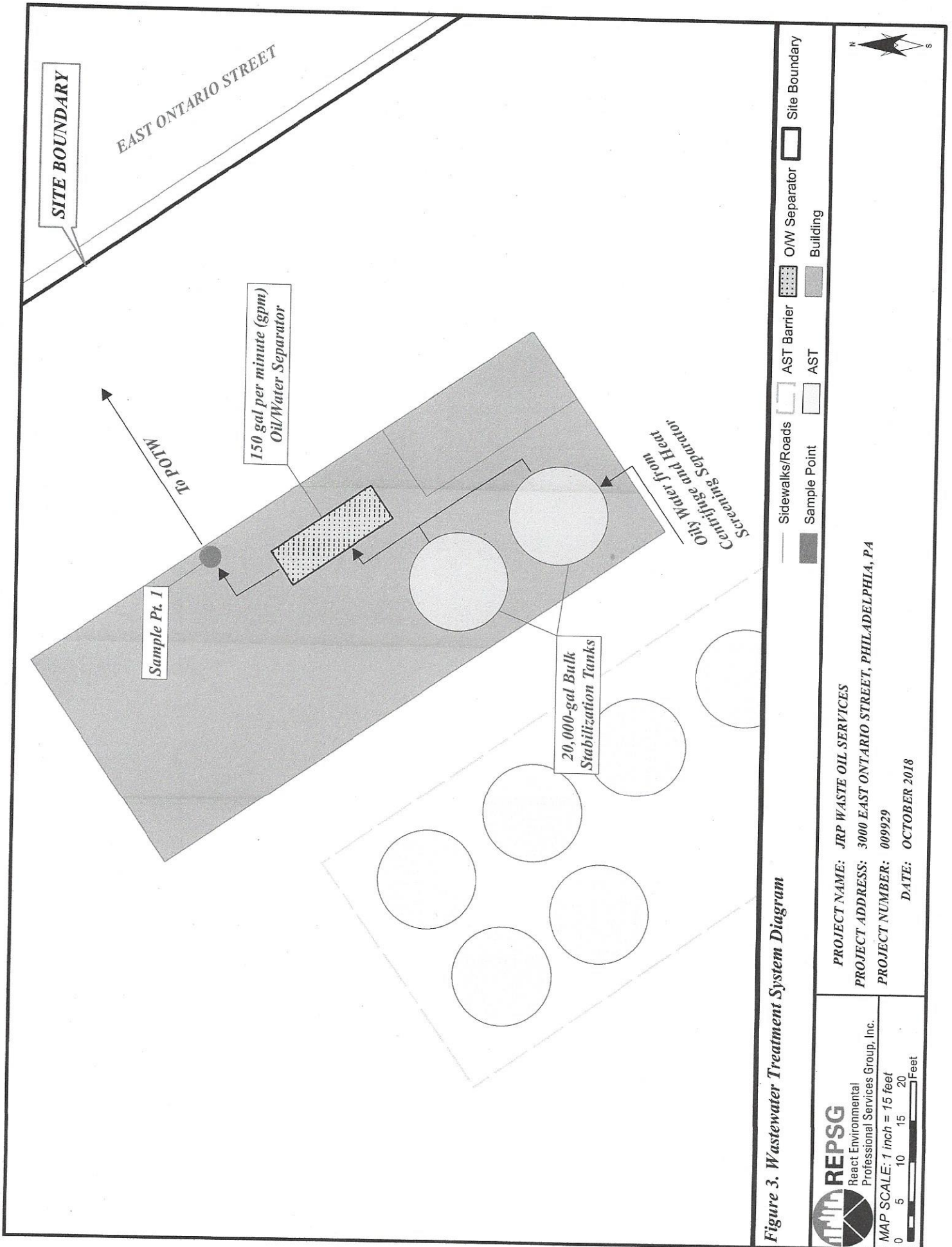
- Road
- Building (Off-Site)
- Property Boundary
- AST
- Building (On-Site)
- Site Boundary

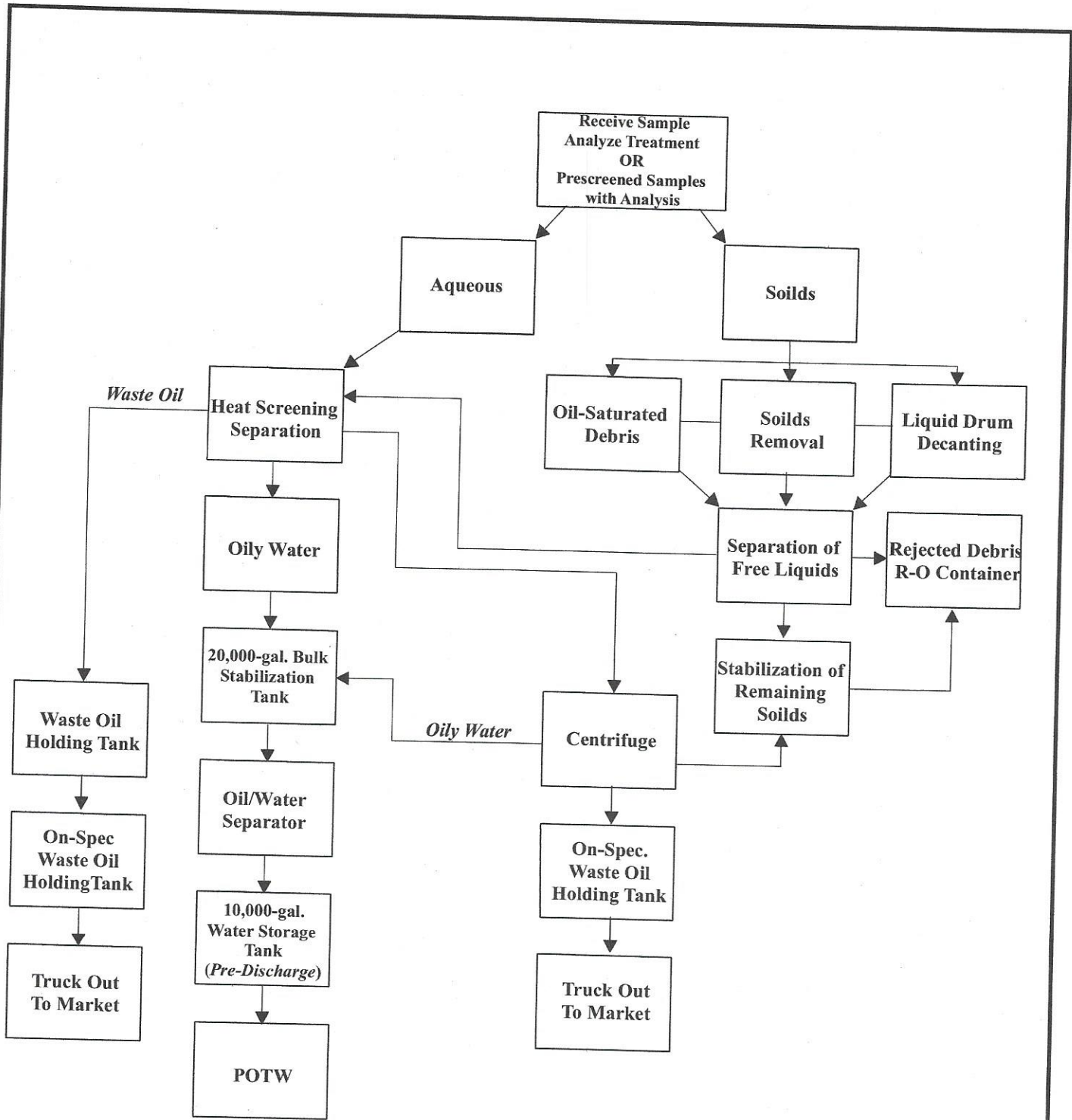


MAP SCALE: 1 inch = 75 feet
0 15 30 60 90 Feet

PROJECT NAME: PETROLEUM RECYCLING CORP
PROJECT ADDRESS: 3000 EAST ONTARIO STREET, PHILADELPHIA, PA
PROJECT NUMBER: 009929
DATE: MARCH 2018







PROCESS FLOW DIAGRAM



MAP NOT TO SCALE

PROJECT NAME: JRP WASTE OIL SERVICES
 PROJECT ADDRESS: 3000 EAST ONTARIO STREET, PHILADELPHIA, PA
 PROJECT NUMBER: 009929
 DATE: FEBRUARY 2018



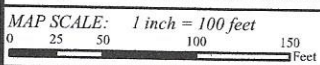


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SITE DIAGRAM

- Building On Site
- Subject Property Parcel
- Building Off Site

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PROJECT NAME: PETROLEUM RECYCLING CORP
PROJECT ADDRESS: 3000 EAST ONTARIO STREET, PHILADELPHIA, PA
PROJECT NUMBER: 009929

DATE: NOVEMBER 2015

