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Stormwater Pollution Prevention Plan

SUPER SALVAGE INC.

Super Salvage, Inc.
1711 1st Street SW
Washington, DC 20024-3404

December 2013

Prepared By:
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ATTACHMENTS

Attachment A – Site Location Plan
Attachment B – Routine Facility Inspection Form
Attachment C – Quarterly Visual Assessment Form
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Attachment E – 2008 Multi-Sector General Permit
Attachment F – Reportable Quantities of Hazardous Substances

1.0 FACILITY DESCRIPTION AND CONTACT INFORMATION

1.1 Facility Information

Facility Information

Name of Facility: Super Salvage, Inc.

Street: 1711 1st Street SW

City: Washington State: DC ZIP Code: 20024

County or Similar Subdivision: _____

Permit Tracking Number: _____ (if covered under a previous permit)

Latitude/Longitude (Use **one** of three possible formats, and specify method)

Latitude: 38 ° 52 ' 07" N (deg, min, sec)

Longitude: 77 ° 00 ' 46" W (deg, min, sec)

Method for determining latitude/longitude (check one):

☐ USGS topographic map (specify scale:_____) ☐ EPA Web site ☐ GPS

☒ Other (please specify): Google Earth

Is the facility located in Indian Country? ☐ Yes ☒ No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable."_____

Not applicable

Is this facility considered a Federal Facility? ☐ Yes ☒ No

Estimated area of industrial activity at site exposed to stormwater: 0.95 (acres)

Discharge Information

Does this facility discharge stormwater into an MS4? ☐ **Yes** ☒ **No* see note below**

If yes, name of MS4 operator: _____

Name(s) of water(s) that receive stormwater from your facility None* see note below

Are any of your discharges directly into any segment of "impaired" water ☐ **Yes** ☒ No

If Yes, identify name of the impaired water (and segment, if applicable): N/A

Identify the pollutant(s) causing the impairment: N/A

For pollutants identified, which do you have reason to believe will be present in your discharge? N/A

For pollutants identified, which have a completed TMDL? N/A

Do you discharge into a receiving water designated as a Tier 2 (or Tier 2.5) water? ☐ Yes ☒ No* see note below

Are any of your stormwater discharges subject to effluent guidelines? ☐ Yes ☒ No

If Yes, which guidelines apply? _____

Primary SIC Code or 2-letter Activity Code: 5093
(refer to Appendix D of the 2008 MSGP)

Identify your applicable sector and subsector: Sector N, N1 Scrap Recycling

***Note:** As currently constructed and designed, there are no intended stormwaters associated with the industrial activity discharged from the site. The active portion of the facility is secured on the eastern and western boundaries by a chain link fence constructed on top of a 6 inch high concrete curb. There is a gated entrance/exit on the southern part of the east fence. The facility is secured on the southern boundary by the concrete block walls that comprise the office, warehouse and shed buildings. The facility is secured on the northern boundary by a combination of sheet metal and curbed chain link fences with another gated entrance/exit at the northeast corner of the facility.

The grading of the property at the northern entrance/exit is such that any stormwater run-off is drained southward to the center of the facility where there is a small collection area with a manually operated sump pump. The stormwater in the collection area is then pumped to a retention pond located in the southwestern corner of the facility where it is subject to groundwater recharge, evaporation and is periodically vacuumed out for off-site disposal.

In 2000, an asphalt berm was constructed at the southeastern entrance/exit to contain any stormwater runoff in that area which also drains to the collection area in the center of the facility. Therefore, there is no longer any discharge of stormwater from the active portion of facility. The only discharge of stormwater occurs off of the roof of the office/warehouse building on the southern boundary of the site. This water is not exposed to industrial activity and discharges into the local stormwater system.

1.2 Contact Information/Responsible Parties

Facility Operator (s):
Name: John Keller
Address: 1711 1st Street SW
City, State, Zip Code: : Washington, DC 20024
Telephone Number: 202-488-7157
Email address: kellerj81@hotmail.com

Facility Owner (s):
Name: Stephen Middelthon
Address: 1711 1st Street SW
City, State, Zip Code: Washington, DC 20024
Telephone Number: 202-488-7157
Email address: supersalvage@yahoo.com

SWPPP Contact:
Name: John Keller
Telephone number: 301-785-9092
Email address: kellerj81@hotmail.com

1.3 Stormwater Pollution Prevention Team

The following list identifies the staff members that comprise the facility's stormwater pollution prevention team as well as their individual responsibilities.

Staff Names	Individual Responsibilities
Robert Bullock	SWPPP Coordinator
John Keller	Facility Manager

The stormwater pollution prevention team is responsible for developing and revising the facility's SWPPP, implementing and maintaining control measures/BMPs, and taking corrective actions where required. Each member of the stormwater pollution prevention team has ready access to either an electronic or paper copy of applicable portions of the MSGP and SWPPP.

1.4 Activities at the Facility

Super Salvage is a full-service scrap metal recycling facility that purchases scrap metal including ferrous (cast iron, structural steel, #1 steel, #2 steel) and non-ferrous (copper, aluminum, brass, lead, stainless steel). The segregated metal is then processed as follows

- Cast iron is mechanically broken down to sizes specified by the customer.
- Structural steel is generally hand cut using a torch into 2 or 5 foot lengths. It is also occasionally cut down using an electric powered, 800 ton Harris shear.
- #1 and #2 steel is cut by shear and compacted into specified sizes and densities.
- Non-ferrous metals are segregated further into categories of copper, aluminum, brass and lead. The material is then processed using 4 small, electric powered, alligator shears. Stainless steel and aluminum is bailed using a bailing machine.

The bailer, Harris shear, and alligator shears are located inside. The forklifts and bobcat are stored inside when not in use. All cranes are located outside at all times.

Metal is generally not stored at the facility other than to accumulate enough metal to complete a truck load. The facility also accepts sealed batteries for consolidation on to pallets and shipping offsite for recycling.

Trucks with incoming material enter the facility through the entrance on the northeast corner of the site (Potomac Ave and 1st Street) and are directed to the scale for weighing. Once weighed the truck is directed to 1 of 4 locations of the facility depending on the type of metal. Non-ferrous metal is unloaded manually. Ferrous metal is dumped or unloaded using a crane with a grappler. Cast iron is unloaded using a crane with a magnet. The empty truck is then reweighed and the weight of metal removed is priced accordingly.

Outgoing material is loaded onto empty trucks that have been previously weighed, using a crane with a grappler or magnet. The filled truck is reweighed and an invoice is prepared based on the weight of metal. Truck loads are verified to be under highway weight limits and are visually inspected prior to being tarped and leaving the facility.

1.5 Site Location Plan

A copy of the Site Location Plan is presented as Attachment A. The Site Location Plan details the general location of the facility. Additionally, the Site Location Plan includes the following information:

1. the size of the property in acres;
2. the location and extent of significant structures and impervious surfaces;
3. directions of stormwater flow;

4. locations of all existing structural control measures;
5. location of the stormwater retention pond;
6. locations of potential pollutant sources identified under MSGP, Part 5.1.3.2;
7. locations of the following activities where such activities are exposed to precipitation:
   - vehicle and equipment maintenance and/or cleaning areas;
   - loading/unloading areas;
   - locations used for the treatment, storage, or disposal of wastes;
   - Diesel storage tanks;
   - processing and storage areas;

2.0 POTENTIAL POLLUTANT SOURCES

Sections 2.1 to 2.3 describe areas at the facility where industrial materials or activities are exposed to stormwater.

2.1 Industrial Activity and Associated Pollutants

This section includes a list of industrial activities exposed to and the pollutants or pollutant constituents associated with these activities. It also includes all significant materials that have been handled, treated, stored, or disposed, and that have been exposed to stormwater in the three (3) years prior to the date of this SWPPP.

Industrial Activity	Associated Pollutants
Vehicle/Equipment Maintenance	Oil and grease
Vehicle/Equipment Fueling	Diesel fuel
Diesel fuel storage	Fuel Hydrocarbons
Used oil storage	Hydrocarbons
Antifreeze storage	Ethylene glycol
Scrap metal storage	Heavy metals

2.2 Spills and Leaks

A description of where potential spills and leaks could occur at the site that could contribute pollutants to stormwater discharge, and which outfall(s) are likely to be affected by such spills and leaks are presented below.

Areas of Site Where Potential Spills/Leaks Could Occur

Location	Outfalls
Hydraulic fluid or motor oil leak on a crane	Retention pond
Hydraulic fluid leak on a shear	Retention pond
Diesel Fuel tank	Retention pond
New Motor Oil Storage	Retention pond
Waste Oil Storage	Retention pond
Anti-Freeze	Retention pond
Hydraulic fluid storage tank	Retention pond

Description of Past Spills/Leaks

According to facility records, no significant spills or leaks of oil or hazardous substances in excess of quantities that are reportable under CWA Section 311 (see 40 CFR 110.6 and 40 CFR 117.21) or Section 102 of the Comprehensive Environmental Response,

Compensation and Liability Act (CERCLA), 42 USC §9602 have occurred at the facility in the last five years.

2.3 Non-Stormwater Discharges Documentation

- **Date of evaluation**: *September 11, 2013*
- **Description of the evaluation criteria used:** *Visual inspection was used to determine that no non-stormwater discharges (process or non-process wastewaters) comingle with stormwater which is pumped or drains to the stormwater retention pond.*
- **List of the outfalls or onsite drainage points that were directly observed during the evaluation:** *The drainage area at the center of the impervious section of the facility was observed as well as the area surrounding the retention pond.*
- **Different types of non-stormwater discharge(s) and source locations:** *There are no non-stormwater discharges.*
- **Action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), if any were identified. For example, a floor drain was sealed, a sink drain was re-routed to sanitary, or an NPDES permit application was submitted for an unauthorized cooling water discharge**: *No non-stormwater discharges were identified*

2.4 Sampling Data Summary

No stormwater sampling data has been collected since no stormwater from the active portion of the facility currently leaves the property. No discharge monitoring or laboratory results are available. All monitoring is by visual inspection.

3.0 STORMWATER CONTROL MEASURES

Sections 3.1 - 3.12 of this SWPPP describe the stormwater control measures that are installed at the site to meet each of the permit's "non-numeric effluent limits" in Part 2.1.2 of the 2008 MSGP.

3.1 Minimize Exposure

The following structural controls or practices are used to minimize the exposure of industrial activities to rain, snow, snowmelt, and runoff.

- Virgin motor oil, waste oil, antifreeze and automatic transmission fluid (ATF) are stored in an 850 gallon secondary containment area. Stormwater exposed to those materials does not discharge on the site.
- A berm was constructed at the eastern entrance of the facility to eliminate the release of stormwater from the property. The grade of the property at the northern entrance is sloped towards the depression area of the facility. From there the stormwater is manually pumped to the large retention pond at the southwest corner of the property.
- All cleaning operations are performed indoors, under cover or within the bermed area to prevent stormwater runoff/run-on
- All wastewater drains are connected to the Blue Plains Wastewater Treatment Facility.
- Any spills or leaks of oil, hydraulic fluid, antifreeze etc are cleaned up promptly using absorbents to prevent discharge of pollutants. Used absorbents are disposed of in accordance with federal, state and local regulations.
- Drip pans and absorbents are utilized under or around leaky vehicles or equipment that is stored in areas exposed to stormwater.

3.2 Good Housekeeping

This section describes the practices that are implementing to keep exposed areas of the site clean and describes where each practice is being implemented at the site and includes the schedule for: (1) regular pickup and disposal of waste materials, and (2) routine inspections for leaks and of the condition of drums, tanks, and containers.

The SPPP Coordinator will ensure that personnel are made aware of the proper disposal of waste material, will identify and correct environmental concerns, and will check the site for unsafe conditions. The following good housekeeping practices will be implemented at the facility:

- Daily cleanup;
- Daily pickup of trash and litter sitewide;

- Drip pans under stored vehicles in the parking area;
- Established procedures and storage locations for potential pollutants
- Areas swept when required;
- Proper storage of tools and materials used;
- Properly functioning drains and faucets;
- Use of dry absorbents or wet vacuuming to contain residual liquids originating from containers

There is no set schedule for pickup and disposal of waste materials. Pickup and disposal of non-hazardous waste material will occur as needed depending on the volume of material present. Above ground storage tanks will be inspected for leaks on a daily basis.

3.3 Maintenance

This section describes procedures (1) to maintain industrial equipment so that spills/leaks are avoided, and (2) to maintain any of the site's control measures in effective operating condition. It includes the schedule followed for such maintenance activities and describe where each applicable procedure is being implemented at the site.

- Ferrous metals are moved around the facility using 3 diesel cranes which are fueled daily from onsite tanks. The hydraulic fluid and crank case oils are checked daily and added as needed. Oil is changed after 500 hours of use. Waste oil is transferred to a waste oil storage tank located in the secondary containment area.

- The bailer is loaded using a diesel powered, bobcat which is fueled as needed from onsite tanks. The oil is changed after 500 hours of use. Waste oil is transferred to a waste oil storage tank located in the secondary containment area. The bobcat is stored inside the shed when not in use to eliminate exposure to stormwater.

- Segregated containers of non-ferrous metals are moved using two propane powered, forklifts. Propane and oil are checked daily and added as needed. Waste oil is transferred to a waste oil storage tank located in the secondary containment area. The forklifts are stored in the shed when not in use to eliminate exposure to stormwater.

In general, the facility manager will continuously inspect, test, maintain, and repair all industrial equipment and systems to avoid situations that may result in leaks, spills, and other releases of pollutants in stormwater. Control measures that are used to achieve the effluent limits required by this permit in effective operating condition are maintained. Nonstructural control measures are also diligently maintained (e.g., spill response supplies available, personnel appropriately trained).

Repair, maintenance and cleaning/washing of the portable equipment is performed indoors in a controlled environment. For oil changes of equipment performed on outside, drip pans, drain boards, and drying racks to direct drips back into a fluid holding container for reuse are utilized. Oil filters, air filters, greasy rags, used oil, and other disposable items are collected and stored in labeled and traceable containers until they are hauled off site. An inventory of all materials is maintained on-site. Employees working at this site are trained on proper waste control and disposal procedures.

3.4 Spill Prevention and Response

Personnel at Super Salvage are required to follow the Spill Prevention, Control and Countermeasure Plan (SPCC). In addition to MSGP and SPCCP reporting requirements, spills and leaks will be reported to other applicable agencies.

- Containers that could be susceptible to spillage or leakage will be plainly labeling (e.g., "Used Oil," and "Spent Solvents,") to encourage proper handling and facilitate rapid response if spills or leaks occur.

- Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling will be utilized

- Procedures will be put in place for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases. Employees who may cause, detect, or respond to a spill or leak will be trained in these procedures and have necessary spill response equipment available.

- Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies will be utilized. Where a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302, occurs during a 24-hour period, the National Response Center (NRC) at (800) 424-8802 will be notified of the discharge.

- Table 117.3 from 40 CFR Part 117 presents reportable quantities of hazardous substances in pounds and is attached to the SPPP as Attachment F. Oil conversely, does not depend on a specific amount. Instead, a reportable quantity of oil is the presence of a visible sheen created by the spill. As long as the spill is contained and cleaned up before reaching water offsite, it does not need to be reported to the NRC.

3.5 Erosion and Sediment Controls

Super Salvage constructed an asphalt berm at the main entrance on the eastern side of the facility in 2000 to contain stormwater run-off with in the facility boundaries. The

remaining length of the eastern side of the facility is comprised of a fence constructed on top of a 6 inch containment curb. The southern and lower western boundaries are comprised completely of buildings. The northern side of the facility is graded so that all stormwater runoff flows to the center of the facility. These structural controls are in place to stabilize exposed areas and contain runoff to minimize onsite erosion and potential offsite discharges of sediment.

3.6 Management of Runoff

Similar to the control measures described in Section 3.5, stormwater runoff is contained within facility boundaries and flows to the center of the property where it collects in a small retention pond. This small retention pond contains a sump pump which is used to manually pump the stormwater to a larger stormwater retention pond located in the southwest corner of the property. Here the stormwater is stored indefinitely and allowed to dissipate through evaporation and groundwater recharge. Periodically, the large retention pond is skimmed or vacuumed out to remove any accumulation of oil.

3.7 MSGP Sector-Specific Non-Numeric Effluent Limits

The following procedures are used to comply with the sector-specific requirements in Part 8 of the 2008 MSGP for Sector N – Scrap Recycling Facilities.

Inbound Recyclable Material Control

The following efforts are made to minimize the chance of accepting materials that could be significant sources of pollutants.

- Inspections of inbound recyclables are conducted.
- Information and education is provided to suppliers of scrap and recyclable waste materials on draining and properly disposing of residual fluids, as well as, the procedures for accepting lead-acid batteries.
- Training targeted for those personnel engaged in the inspection and acceptance of inbound recyclable materials is provided.
- Liquid wastes, including used oil, are stored in materially compatible and non-leaking containers and are disposed of or recycled in accordance with the Resource Conservation and Recovery Act (RCRA).

Scrap and Recyclable Waste Processing Areas

The following efforts are made to minimize surface runoff from coming in contact with scrap processing equipment.

- Equipment is regularly inspected for spills or leaks and malfunctioning, worn, or corroded parts through the establishment of a preventive maintenance program for processing equipment.

- Dry-absorbents are used to collect and dispose of or recycle spilled or leaking fluids.

Scrap Lead-Acid Battery Program

The following efforts are made to minimize surface runoff from coming in contact with scrap lead-acid batteries.

- Only sealed unbroken batteries are accepted for recycling
- Employee training is provided for the management of scrap batteries.
- Scrap lead-acid batteries are segregated from other scrap materials.

Supplier Notification Program

Major suppliers will be notified which scrap materials will not be accepted at the facility or will be accepted only under certain conditions.

3.8 Employee Training

An employee training program has been developed and implemented to educate employees about the requirements of the SWPPP. This education program includes background on the components and goals of the SWPPP and hands-on training in spill prevention and response, good housekeeping, proper material handling, disposal and control of waste, container filling and transfer, and proper storage, washing, and inspection procedures. All new employees are trained within one week of their start date. Additionally, all employees are required to participate in an annual refresher training course. The training program is reviewed annually by the SWPPP coordinator to determine its effectiveness and to make any necessary changes to the program.

3.9 Non-Stormwater Discharges

As described in Section 2.3 of the SWPPP, an evaluation of the existence of any non-stormwater discharges was performed and it was determined that no water other than stormwater is currently discharged to the retention pond.

3.10 Waste, Garbage and Floatable Debris

Employees working at this site ensure that waste, garbage, and floatable debris are not discharged by keeping exposed areas free of such materials or by intercepting them before they are discharged. Good housekeeping techniques are discussed and implemented regularly. Good housekeeping practices are followed around trash

containers and adjacent areas, material storage areas, vehicle and process equipment maintenance areas, and loading areas. A schedule for regular pick-up and disposal of garbage and waste materials and routine inspections of containers for leaks and structural conditions is implemented. These practices also include containing and covering garbage, waste materials, and debris. All on-site employees are involved to ensure continued implementation of these measures.

3.11 Dust Generation and Vehicle Tracking of Industrial Materials

The traffic area, yard area, and parking area are comprised of unpaved, compacted earth. Generally, the area is sufficiently compacted to minimize dust generation. If dust is generated such that it becomes a nuisance, Super Salvage will treat the area with a water to substantially wet the surface while still minimizing runoff.

Vehicle tracking of industrial material onto nearby public roads is minimal. Truck tires can become muddy from the unpaved parking area during wet climate conditions. Super Salvage minimizes this by maintaining clean trucks and keeping the parking area compacted and well drained.

4.0 SCHEDULES AND PROCEDURES FOR MONITORING

In the event of a rain event significant enough to allow the release of a stormwater discharge over the berm at the southeastern exit of the facility, the following monitoring will be conducted.

Benchmark Monitoring:

The 2008 MSGP stipulates pollutant benchmark concentrations that may be applicable to this site's discharge. The benchmark concentrations are not effluent limitations; a benchmark exceedance, therefore, is not a permit violation. Benchmark monitoring data are primarily for the operator's use to determine the overall effectiveness of the implemented your control measures and to assist in knowing when additional corrective action(s) may be necessary to comply with the effluent limitations. Samples will be analyzed consistent with 40 CFR Part 136 analytical methods and using test procedures with quantitation limits at or below benchmark values for all benchmark parameters for which you are required to sample.

1. **Sample Location.** Samples will be collected immediately outside of the southeastern entrance of the property as depicted on the Site Plan (Attachment A).

2. **Pollutant Parameters to be sampled.** The benchmark monitoring concentrations that apply to this site are listed in the table below (Table 8.N-1 from the 2008 MSGP)

Table 8.N-1	
Parameter	**Benchmark Monitoring Concentration**
Chemical Oxygen Demand (COD)	120 mg/L
Total Suspended Solids (TSS)	100 mg/L
Total Recoverable Aluminum	0.75 mg/L
Total Recoverable Copper[1]	Hardness Dependent
Total Recoverable Iron	1.0 mg/L
Total Recoverable Lead[1]	Hardness Dependent
Total Recoverable Zinc[1]	Hardness Dependent

[1] the benchmark values of some metals are dependent on water hardness. For these parameters, the hardness of the receiving water must be determined first in accordance with part 6.2.1.1 of the 2008 MSGP.

After collection of the samples, if the monitoring values for any parameter do not exceed the benchmark, the monitoring requirements for this parameter for the permit term are fulfilled. If the samples exceed the benchmark concentrations, the implemented control measures will be reviewed and revised if necessary.

Monitoring Schedules. Monitoring requirements in this permit begin in the first full quarter following the date of discharge authorization. Benchmark monitoring, will be monitored only following a significant rain event in which there is discharge of stormwater from the facility. For each monitoring event the date and duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event will be identified.

3. **Numeric Limitations.** Since the Super Salvage facility is categorized under Sector N: Scrap Recycling Facilities, there are no applicable pollutant parameters subject to numeric discharge limitations.

4. **Procedures.** The Facility Manager is in charge of collecting the samples. An accredited laboratory will be utilized for the analytical analysis following the laboratories instructions for taking the grab samples according to industry standards.

Inactive and Unstaffed sites exception (if applicable)

The Inactive and Unstaffed sites exception for benchmark monitoring is not applicable to his facility.

Substantially identical outfall exception (if applicable)

The substantially identical outfall exception for benchmark monitoring is not applicable to his facility.

Effluent Limitations:

There are no industrial activities implemented at the facility that are subject to effluent monitoring requirements as described in Section 6.2.2 of the 2008 MSGP

State or Tribal Specific Monitoring:

No additional state or tribal specific monitoring requirements as described in Section 6.2.3 of the 2008 MSGP are applicable at this site.

Impaired Waters Monitoring:

No additional impaired waters monitoring requirements as described in Section 6.2.4 of the 2008 MSGP are applicable at this site

Other Applicable Monitoring as required by EPA:

No additional monitoring requirements **as described in Section 6.2.5 of the 2008 MSGP** are applicable at this site.

5.0 INSPECTIONS

5.1 Routine Facility Inspections

Routine facility inspections of all areas of the facility where industrial materials or activities are exposed to stormwater, and of all stormwater control measures used to comply with the effluent limits contained in this permit will be conducted. Routine facility inspections will be conducted at least quarterly (i.e., once each calendar quarter) and will be performed during periods when the facility is in operation. These routine inspections will be performed by qualified personnel with at least one member of the stormwater pollution prevention team participating. Additionally, at least once each calendar year, the routine facility inspection will be conducted during a period when a stormwater discharge is occurring.

The findings of each routine facility inspection performed will be documented and maintained onsite with the SWPPP as required in Part 5.4 of the MSGP. Routine facility inspection findings will not be submitted to EPA, unless specifically requested to do so. The documentation of each routine facility inspection will include:

- The inspection date and time;
- The name(s) and signature(s) of the inspector(s);
- Weather information and a description of any discharges occurring at the time of the inspection;
- Any previously unidentified discharges of pollutants from the site;
- Any control measures needing maintenance or repairs;
- Any failed control measures that need replacement;
- Any incidents of noncompliance observed; and
- Any additional control measures needed to comply with the permit requirements

Routine facility inspections will be performed at the site by John Keller and will follow the sample routine facility inspection form is presented in Attachment B

5.2 Quarterly Visual Assessments

Quarterly Visual Assessments are not applicable to this facility since no stormwater run-off is discharged from the facility. However, should there ever be a significant rainfall event in which stormwater run-off is discharged from the facility, a stormwater sample will be collected and a visual assessment of the sample will be conducted. The sample is not required to be collected consistent with 40 CFR Part 136 procedures but will be collected in such a manner that the sample is representative of the stormwater discharge.

The visual assessment will be made:

- Of a sample in a clean, clear glass, or plastic container, and examined in a well-lit area;
- On samples collected within the first 30 minutes of an actual discharge from a storm event. If it is not possible to collect the sample within the first 30 minutes of discharge, the sample will be collected as soon as practicable after the first 30minutes and it must be documented why it was not possible to take samples within the first 30 minutes. In the case of snowmelt, samples will be taken during a period with a measurable discharge from your site; and

The sample will be visually inspected for the following water quality characteristics:

- Color;
- Odor;
- Clarity;
- Floating solids;
- Settled solids;
- Suspended solids;
- Foam;
- Oil sheen; and
- Other obvious indicators of stormwater pollution.

A visual assessment will be performed, if necessary, at the site by John Keller and will follow the sample quarterly visual assessment form is attached as Appendix B.

5.3 Comprehensive Site Inspections

Permittees are required to submit to EPA annual reports summarizing their annual comprehensive site inspection and corrective actions taken during the year for the MSGP.

Comprehensive site inspections will be performed at the site by John Keller and will follow the Annual Report Form presented in Attachment C.

6.0 DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS

6.1 Documentation Regarding Endangered Species.

A review of any potential endangered or threatened species or their critical habitats on or near the Super Salvage, Inc. facility did not identify any endangered or threatened species or critical habitats on or near the project area. This review was conducted using the Endangered Species Act (ESA) review procedures and endangered species list for District of Columbia located at

http://ecos.fws.gov/tess_public/pub/stateListingIndividual.jsp?state=DC&status=listed

6.2 Documentation Regarding Historic Properties

A review of any potential historic properties on or near the Super Salvage, Inc. facility did not identify any historic sites on or near the project area. This review was conducted using the National Park Services' National Register of Historic Places for the District of Columbia located at:

http://www.nps.gov/nr/research/

7.0 SWPPP CERTIFICATION

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 fine and imprisonment for knowing violations.

Name: _____ Title: _____

Signature: _____ Date: _____

8.0 SWPPP MODIFICATIONS

The Super Salvage SWPPP is a "living" document and is required to be modified and updated, as necessary, in response to corrective actions. See Part 3.4 of the 2008 MSGP.

- If you need to modify the SWPPP in response to a corrective action required by Part 3.1 of the 2008 MSGP, then the certification statement in section 7 of this SWPPP template must be re-signed in accordance with 2008 MSGP Appendix B, Subsection 11.A or 11.B.

- For any other SWPPP modification, you should keep a log with a description of the modification, the name of the person making it, and the date and signature of that person. See 2008 MSGP Appendix B, Subsection 11.C.

Modification #	Description of Modification	Date of Modification	Name of Modification Preparer (Name/Title)
1.			
2.			
3.			
4.			
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6.			
7.			
8.			
9.			
10.			
11.			

N:\#0326 - Super Salvage, Inc\SWPPP\Super Salvage SWPPP Plan.doc

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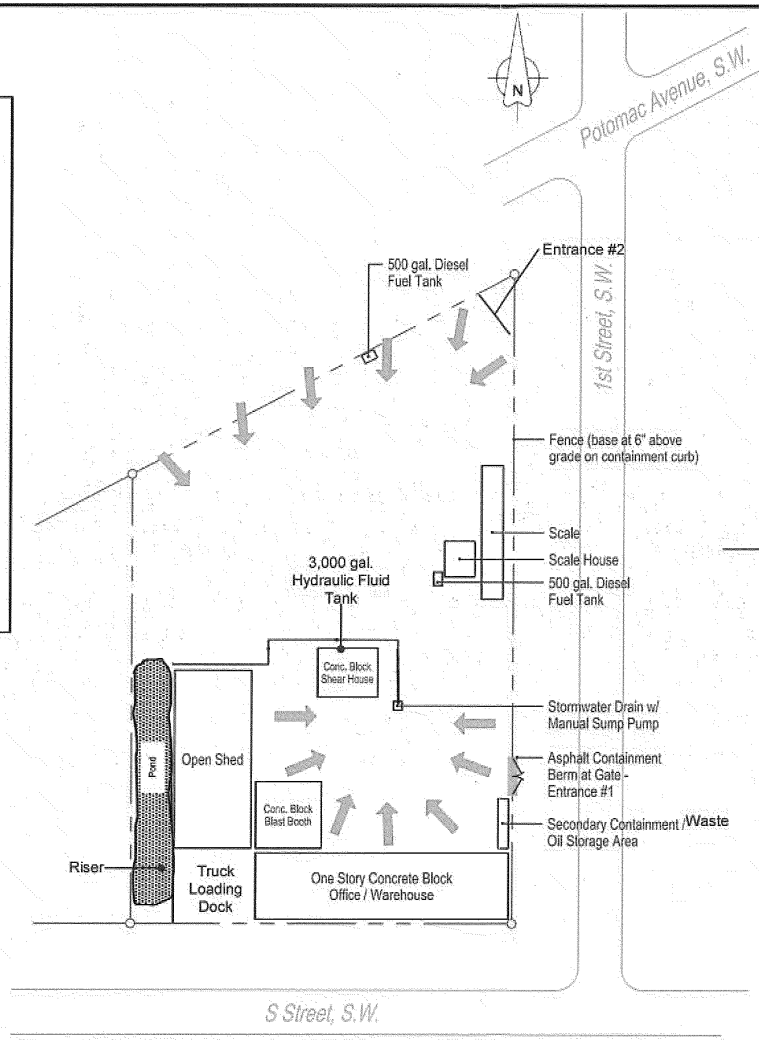
Attachment A
Site Location Plan

Notes:

1. No significant spills or leaks are known.
2. There are no current stormwater monitoring points.
3. There are no stormwater outfalls. All stormwater exposed to industrial activities/materials is contained within property boundaries.
4. Stormwater does not discharge to a municipal sewer system.
5. The only stormwater runoff that leaves the site is from roof drains at the south end of the site to S Street.
6. There are no non-stormwater discharges.

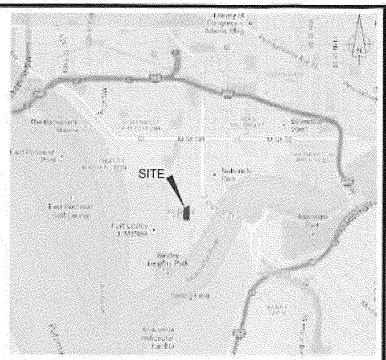


SITE LAYOUT PLAN

GRAPHIC SCALE

50 40 30 20 10 0 25 50 100

(IN FEET)
1 inch = 50 ft.



SITE LOCATION PLAN

SCALE: 1" = 4000 feet
Property Size = 0.95 Acres

LEGEND:

INDICATES DIRECTION OF DRAINAGE

INDICATES PROPERTY LINE

Rev. No.	Date	By	Description

Project No. 0326-00
Scale: 1" = 50 feet
Approved By: Bradley J. Cunningham, P.E.
Drawn By: Rick Gradwell

COMPLIANCE PLUS SERVICES, INC.
P.O. BOX 186
HATBORO, PA 19040
PHONE: (215) 734-1414 * FAX: (215) 734-1424
www.CPS-2Comply.com

Site Plan
Super Salvage, Inc.
1711 1st Street, S.W.
Washington, D.C.

SP-1 | Revision No: 0 | Date: 10/07/2013

Attachment B
Routine Facility Inspection Form

Stormwater Industrial Routine Facility Inspection Report

General Information			
Facility Name			
NPDES Tracking No.			
Date of Inspection		**Start/End Time**	
Inspector's Name(s)			
Inspector's Title(s)			
Inspector's Contact Information			
Inspector's Qualifications			

Weather Information

Weather at time of this inspection?
❑ Clear ❑Cloudy ❑ Rain ❑ Sleet ❑ Fog ❑ Snow ❑ High Winds
❑ Other: Temperature:

Have any previously unidentified discharges of pollutants occurred since the last inspection? ❑Yes ❑No
If yes, describe:

Are there any discharges occurring at the time of inspection? ❑Yes ❑No
If yes, describe:

Control Measures

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
1		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
2		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
3		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
4		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
5		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
6		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
7		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
8		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
9		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	

Areas of Industrial Materials or Activities exposed to stormwater.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
1	**Material loading/unloading and storage areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
2	**Equipment operations and maintenance areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
3	**Fueling areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
4	**Outdoor vehicle and equipment washing areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
5	**Waste handling and disposal areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
6	**Erodible areas/construction**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
7	**Dust generation and vehicle tracking**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
8	**(Other)**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
9	**(Other)**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
10	**(Other)**	❑Yes ❑No ❑ N/A	❑Yes ❑No	

Non-Compliance

Describe any incidents of non-compliance observed and not described above:

Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:

Notes

Use this space for any additional notes or observations from the inspection:

CERTIFICATION STATEMENT

"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 fine and imprisonment for knowing violations."

Print name and title: _____

Signature:_____ **Date:**_____

Attachment C
Quarterly Visual Assessment Form

MSGP Quarterly Visual Assessment Form

Name of Facility: NPDES Tracking No.

Outfall Name: "Substantially Identical Outfall"? ☐ No ☐ Yes

Person(s)/Title(s) collecting sample:

Person(s)/Title(s) examining sample:

Date & Time Discharge Began: Date & Time Sample Collected: Date & Time Sample Examined:

Substitute Sample? ☐ No ☐ Yes

Nature of Discharge: ☐ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount:_ _inches Previous Storm Ended > 72 hours Before Start of This Storm? ☐ Yes ☐ No* (explain):

Parameter

Color ☐ None ☐ Other (describe):

Odor ☐ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas _____ ☐ Solvents ☐ Other (describe):

Clarity ☐ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☐ No ☐ Yes (describe):

Settled Solids** ☐ No ☐ Yes (describe):

Suspended Solids ☐ No ☐ Yes (describe):

Foam (gently shake sample) ☐ No ☐ Yes (describe):

Oil Sheen ☐ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (describe):

Other Obvious Indicators of Stormwater Pollution ☐ No ☐ Yes (describe):

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary).

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

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 fine and imprisonment for knowing violations.

A. Name: B. Title:

C. Signature: D. Date Signed:

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Attachment D
Annual Report Form

NPDES Permit Tracking No.:

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

Annual Reporting Form

A. GENERAL INFORMATION

1. Facility Name:

2. NPDES Permit Tracking No.:

3. Facility Physical Address:

a. Street:

b. City: c. State: d. Zip Code: -

4. Lead Inspectors Name: Title:

Additional Inspectors Name(s):

5. Contact Person: Title:

Phone: - - Ext. E-mail:

6. Inspection Date: / /

B. GENERAL INSPECTION FINDINGS

1. As part of this comprehensive site inspection, did you inspect all potential pollutant sources, including areas where industrial activity may be exposed to stormwater?
☐ YES ☐ NO

If NO, describe why not:

NOTE: *Complete Section C of this form for each industrial activity area inspected and included in your SWPPP or as newly identified in B.2 or B.3 below where pollutants may be exposed to stormwater.*

2. Did this inspection identify any stormwater or non-stormwater outfalls not previously identified in your SWPPP? ☐ YES ☐ NO

If YES, for each location, describe the sources of those stormwater and non-stormwater discharges and any associated control measures in place:

NPDES Permit Tracking No.: ☐☐☐☐☐☐☐☐☐☐

3. Did this inspection identify any sources of stormwater or non-stormwater discharges not previously identified in your SWPPP? ☐ YES ☐ NO

If YES, describe these sources of stormwater or non-stormwater pollutants expected to be present in these discharges, and any control measures in place:

4. Did you review stormwater monitoring data as part of this inspection to identify potential pollutant hot spots? ☐ YES ☐ NO ☐ NA, no monitoring performed

If YES, summarize the findings of that review and describe any additional inspection activities resulting from this review:

5. Describe any evidence of pollutants entering the drainage system or discharging to surface waters, and the condition of and around outfalls, including flow dissipation measures to prevent scouring:

6. Have you taken or do you plan to take any corrective actions, as specified in Part 3 of the permit, since your last annual report submission (or since you received authorization to discharge under this permit if this is your first annual report), including any corrective actions identified as a result of this annual comprehensive site inspection?

☐ YES ☐ NO

If YES, how many conditions requiring review for correction action as specified in Parts 3.1 and 3.2 were addressed by these corrective actions? ☐☐

NOTE: *Complete the attached Corrective Action Form (Section D) for each condition identified, including any conditions identified as a result of this comprehensive stormwater inspection.*

NPDES Permit Tracking No.:

C. INDUSTRIAL ACTIVITY AREA SPECIFIC FINDINGS

Complete one block for each industrial activity area where pollutants may be exposed to stormwater. Copy this page for additional industrial activity areas.

In reviewing each area, you should consider:

- Industrial materials, residue, or trash that may have or could come into contact with stormwater;
- Leaks or spills from industrial equipment, drums, tanks, and other containers;
- Offsite tracking of industrial or waste materials from areas of no exposure to exposed areas; and
- Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas.

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO
3. Have any control measures failed and require replacement? ☐ YES ☐ NO
4. Are any additional/revised control measures necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO
3. Have any control measures failed and require replacement? ☐ YES ☐ NO
4. Are any additional/revised c necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO
3. Have any control measures failed and require replacement? ☐ YES ☐ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

NPDES Permit Tracking No.:

***NOTE:** Copy this page and attach additional pages as necessary*

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO
3. Have any control measures failed and require replacement? ☐ YES ☐ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO
3. Have any control measures failed and require replacement? ☐ YES ☐ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO
3. Have any control measures failed and require replacement? ☐ YES ☐ NO
4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

NPDES Permit Tracking No.:

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # ___ of ___ for this reporting period.

2. Is this corrective action:

   ☐ An update on a corrective action from a previous annual report; or

   ☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

   ☐ Unauthorized release or discharge

   ☐ Numeric effluent limitation exceedance

   ☐ Control measures inadequate to meet applicable water quality standards

   ☐ Control measures inadequate to meet non-numeric effluent limitations

   ☐ Control measures not properly operated or maintained

   ☐ Change in facility operations necessitated change in control measures

   ☐ Average benchmark value exceedance

   ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

5. Date problem identified: __ / __ / ____

6. How problem was identified:

   ☐ Comprehensive site inspection

   ☐ Quarterly visual assessment

   ☐ Routine facility inspection

   ☐ Benchmark monitoring

   ☐ Notification by EPA or State or local authorities

   ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☐ NO

9. Date corrective action initiated: __ / __ / ____

10. Date correction action completed: __ / __ / ____ or expected to be completed: __ / __ / ____

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

NPDES Permit Tracking No.:

E. ANNUAL REPORT CERTIFICATION

1. Compliance Certification

Do you certify that your annual inspection has met the requirements of Part 4.2 of the permit, and that, based upon the results of this inspection, to the best of your knowledge, you are in compliance with the permit? ☐ YES ☐ NO

If NO, summarize why you are not in compliance with the permit:

2. Annual Report Certification

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 fine and imprisonment for knowing violations.

Authorized Representative Printed Name: Title:

Signature: Date Signed:

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Attachment E
2008 Multi-Sector General Permit

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Attachment F
Reportable Quantities of Hazardous Substances

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AUTHENTICATED U.S. GOVERNMENT INFORMATION GPO

(iii) Which are used or could be used for industrial purposes by industries in interstate commerce;

(4) All impoundments of waters otherwise defined as navigable waters under this paragraph;

(5) Tributaries of waters identified in paragraphs (i) (1) through (4) of this section, including adjacent wetlands; and

(6) Wetlands adjacent to waters identified in paragraphs (i) (1) through (5) of this section ("Wetlands" means those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally included playa lakes, swamps, marshes, bogs, and similar areas such as sloughs, prairie potholes, wet meadows, prairie river overflows, mudflats, and natural ponds): *Provided*, That waste treatment systems (other than cooling ponds meeting the criteria of this paragraph) are not waters of the United States.

Navigable waters do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with EPA.

(j) *Process waste water* means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product.

[44 FR 50776, Aug. 29, 1979, as amended at 58 FR 45039, Aug. 25, 1993; 65 FR 30904, May 15, 2000]

§ 117.2 Abbreviations.

NPDES equals National Pollutant Discharge Elimination System. RQ equals reportable quantity.

§ 117.3 Determination of reportable quantities.

Each substance in Table 117.3 that is listed in Table 302.4, 40 CFR part 302, is assigned the reportable quantity listed in Table 302.4 for that substance.

TABLE 117.3—REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES DESIGNATED PURSUANT TO SECTION 311 OF THE CLEAN WATER ACT

NOTE: The first number under the column headed "RQ" is the reportable quantity in pounds. The number in parentheses is the metric equivalent in kilograms. For convenience, the table contains a column headed "Category" which lists the code letters "X", "A", "B", "C", and "D" associated with reportable quantities of 1, 10, 100, 1000, and 5000 pounds, respectively.

TABLE 117.3—REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES DESIGNATED PURSUANT TO SECTION 311 OF THE CLEAN WATER ACT

Material	Category	RQ in pounds (kilograms)
Acetaldehyde	C	1,000 (454)
Acetic acid	D	5,000 (2,270)
Acetic anhydride	D	5,000 (2,270)
Acetone cyanohydrin	A	10 (4.54)
Acetyl bromide	D	5,000 (2,270)
Acetyl chloride	D	5,000 (2,270)
Acrolein	X	1 (0.454)
Acrylonitrile	B	100 (45.4)
Adipic acid	D	5,000 (2,270)
Aldrin	X	1 (0.454)
Allyl alcohol	B	100 (45.4)
Allyl chloride	C	1,000 (454)
Aluminum sulfate	D	5,000 (2,270)
Ammonia	B	100 (45.4)
Ammonium acetate	D	5,000 (2,270)
Ammonium benzoate	D	5,000 (2,270)
Ammonium bicarbonate	D	5,000 (2,270)
Ammonium bichromate	A	10 (4.54)
Ammonium bifluoride	B	100 (45.4)
Ammonium bisulfite	D	5,000 (2,270)
Ammonium carbamate	D	5,000 (2,270)
Ammonium carbonate	D	5,000 (2,270)

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TABLE 117.3—REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES DESIGNATED PURSUANT TO SECTION 311 OF THE CLEAN WATER ACT—Continued

Material	Category	RQ in pounds (kilograms)
Ammonium chloride	D	5,000 (2,270)
Ammonium chromate	A	10 (4.54)
Ammonium citrate dibasic	D	5,000 (2,270)
Ammonium fluoborate	D	5,000 (2,270)
Ammonium fluoride	B	100 (45.4)
Ammonium hydroxide	C	1,000 (454)
Ammonium oxalate	D	5,000 (2,270)
Ammonium silicofluoride	C	1,000 (454)
Ammonium sulfamate	D	5,000 (2,270)
Ammonium sulfide	B	100 (45.4)
Ammonium sulfite	D	5,000 (2,270)
Ammonium tartrate	D	5,000 (2,270)
Ammonium thiocyanate	D	5,000 (2,270)
Amyl acetate	D	5,000 (2,270)
Aniline	D	5,000 (2,270)
Antimony pentachloride	C	1,000 (454)
Antimony potassium tartrate	B	100 (45.4)
Antimony tribromide	C	1,000 (454)
Antimony trichloride	C	1,000 (454)
Antimony trifluoride	C	1,000 (454)
Antimony trioxide	C	1,000 (454)
Arsenic disulfide	X	1 (0.454)
Arsenic pentoxide	X	1 (0.454)
Arsenic trichloride	X	1 (0.454)
Arsenic trioxide	X	1 (0.454)
Arsenic trisulfide	X	1 (0.454)
Barium cyanide	A	10 (4.54)
Benzene	A	10 (4.54)
Benzoic acid	D	5,000 (2,270)
Benzonitrile	D	5,000 (2,270)
Benzoyl chloride	C	1,000 (454)
Benzyl chloride	B	100 (45.4)
Beryllium chloride	X	1 (0.454)
Beryllium fluoride	X	1 (0.454)
Beryllium nitrate	X	1 (0.454)
Butyl acetate	D	5,000 (2,270)
Butylamine	C	1,000 (454)
n-Butyl phthalate	A	10 (4.54)
Butyric acid	D	5,000 (2,270)
Cadmium acetate	A	10 (4.54)
Cadmium bromide	A	10 (4.54)
Cadmium chloride	A	10 (4.54)
Calcium arsenate	X	1 (0.454)
Calcium arsenite	X	1 (0.454)
Calcium carbide	A	10 (4.54)
Calcium chromate	A	10 (4.54)
Calcium cyanide	A	10 (4.54)
Calcium dodecylbenzenesulfonate	C	1,000 (454)
Calcium hypochlorite	A	10 (4.54)
Captan	A	10 (4.54)
Carbaryl	B	100 (45.4)
Carbofuran	A	10 (4.54)
Carbon disulfide	B	100 (45.4)
Carbon tetrachloride	A	10 (4.54)
Chlordane	X	1 (0.454)
Chlorine	A	10 (4.54)
Chlorobenzene	B	100 (45.4)
Chloroform	A	10 (4.54)
Chlorosulfonic acid	C	1,000 (454)
Chlorpyrifos	X	1 (0.454)
Chromic acetate	C	1,000 (454)
Chromic acid	A	10 (4.54)
Chromic sulfate	C	1,000 (454)
Chromous chloride	C	1,000 (454)
Cobaltous bromide	C	1,000 (454)
Cobaltous formate	C	1,000 (454)
Cobaltous sulfamate	C	1,000 (454)
Coumaphos	A	10 (4.54)
Cresol	B	100 (45.4)
Crotonaldehyde	B	100 (45.4)
Cupric acetate	B	100 (45.4)

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TABLE 117.3—REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES DESIGNATED PURSUANT TO SECTION 311 OF THE CLEAN WATER ACT—Continued

Material	Category	RQ in pounds (kilograms)
Cupric acetoarsenite	X	1 (0.454)
Cupric chloride	A	10 (4.54)
Cupric nitrate	B	100 (45.4)
Cupric oxalate	B	100 (45.4)
Cupric sulfate	A	10 (4.54)
Cupric sulfate, ammoniated	B	100 (45.4)
Cupric tartrate	B	100 (45.4)
Cyanogen chloride	A	10 (4.54)
Cyclohexane	C	1,000 (454)
2,4-D Acid	B	100 (45.4)
2,4-D Esters	B	100 (45.4)
DDT	X	1 (0.454)
Diazinon	X	1 (0.454)
Dicamba	C	1,000 (454)
Dichlobenil	B	100 (45.4)
Dichlone	X	1 (0.454)
Dichlorobenzene	B	100 (45.4)
Dichloropropane	C	1,000 (454)
Dichloropropene	B	100 (45.4)
Dichloropropene-Dichloropropane (mixture)	B	100 (45.4)
2,2-Dichloropropionic acid	D	5,000 (2,270)
Dichlorvos	A	10 (4.54)
Dicofol	A	10 (4.54)
Dieldrin	X	1 (0.454)
Diethylamine	B	100 (45.4)
Dimethylamine	C	1,000 (454)
Dinitrobenzene (mixed)	B	100 (45.4)
Dinitrophenol	A	10 (45.4)
Dinitrotoluene	A	10 (4.54)
Diquat	C	1,000 (454)
Disulfoton	X	1 (0.454)
Diuron	B	100 (45.4)
Dodecylbenzenesulfonic acid	C	1,000 (454)
Endosulfan	X	1 (0.454)
Endrin	X	1 (0.454)
Epichlorohydrin	B	100 (45.4)
Ethion	A	10 (4.54)
Ethylbenzene	C	1,000 (454)
Ethylenediamine	D	5,000 (2,270)
Ethylenediamine-tetraacetic acid (EDTA)	D	5,000 (2,270)
Ethylene dibromide	X	1 (0.454)
Ethylene dichloride	B	100 (45.4)
Ferric ammonium citrate	C	1,000 (454)
Ferric ammonium oxalate	C	1,000 (454)
Ferric chloride	C	1,000 (454)
Ferric fluoride	B	100 (45.4)
Ferric nitrate	C	1,000 (454)
Ferric sulfate	C	1,000 (454)
Ferrous ammonium sulfate	C	1,000 (454)
Ferrous chloride	B	100 (45.4)
Ferrous sulfate	C	1,000 (454)
Formaldehyde	B	100 (45.4)
Formic acid	D	5,000 (2,270)
Fumaric acid	D	5,000 (2,270)
Furfural	D	5,000 (2,270)
Guthion	X	1 (0.454)
Heptachlor	X	1 (0.454)
Hexachlorocyclopentadiene	A	10 (4.54)
Hydrochloric acid	D	5,000 (2,270)
Hydrofluoric acid	B	100 (45.4)
Hydrogen cyanide	A	10 (4.54)
Hydrogen sulfide	B	100 (45.4)
Isoprene	B	100 (45.4)
Isopropanolamine dodecylbenzenesulfonate	C	1,000 (454)
Kepone	X	1 (0.454)
Lead acetate	A	10 (4.54)
Lead arsenate	X	1 (0.454)
Lead chloride	A	10 (4.54)
Lead fluoborate	A	10 (4.54)
Lead fluoride	A	10 (4.54)
Lead iodide	A	10 (4.54)

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TABLE 117.3—REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES DESIGNATED PURSUANT TO SECTION 311 OF THE CLEAN WATER ACT—Continued

Material	Category	RQ in pounds (kilograms)
Lead nitrate	A	10 (4.54)
Lead stearate	A	10 (4.54)
Lead sulfate	A	10 (4.54)
Lead sulfide	A	10 (4.54)
Lead thiocyanate	A	10 (4.54)
Lindane	X	1 (0.454)
Lithium chromate	A	10 (4.54)
Malathion	B	100 (45.4)
Maleic acid	D	5,000 (2,270)
Maleic anhydride	D	5,000 (2,270)
Mercaptodimethur	A	10 (4.54)
Mercuric cyanide	X	1 (0.454)
Mercuric nitrate	A	10 (4.54)
Mercuric sulfate	A	10 (4.54)
Mercuric thiocyanate	A	10 (4.54)
Mercurous nitrate	A	10 (4.54)
Methoxychlor	X	1 (0.454)
Methyl mercaptan	B	100 (45.4)
Methyl methacrylate	C	1,000 (454)
Methyl parathion	B	100 (45.4)
Mevinphos	A	10 (4.54)
Mexacarbate	C	1,000 (454)
Monoethylamine	B	100 (45.4)
Monomethylamine	B	100 (45.4)
Naled	A	10 (4.54)
Naphthalene	B	100 (45.4)
Naphthenic acid	B	100 (45.4)
Nickel ammonium sulfate	B	100 (45.4)
Nickel chloride	B	100 (45.4)
Nickel hydroxide	A	10 (4.54)
Nickel nitrate	B	100 (45.4)
Nickel sulfate	B	100 (45.4)
Nitric acid	C	1,000 (454)
Nitrobenzene	C	1,000 (454)
Nitrogen dioxide	A	10 (4.54)
Nitrophenol (mixed)	B	100 (45.4)
Nitrotoluene	C	1,000 (454)
Paraformaldehyde	C	1,000 (454)
Parathion	A	10 (4.54)
Pentachlorophenol	A	10 (4.54)
Phenol	C	1,000 (454)
Phosgene	A	10 (4.54)
Phosphoric acid	D	5,000 (2,270)
Phosphorus	X	1 (0.454)
Phosphorus oxychloride	C	1,000 (454)
Phosphorus pentasulfide	B	100 (45.4)
Phosphorus trichloride	C	1,000 (454)
Polychlorinated biphenyls	X	1 (0.454)
Potassium arsenate	X	1 (0.454)
Potassium arsenite	X	1 (0.454)
Potassium bichromate	A	10 (4.54)
Potassium chromate	A	10 (4.54)
Potassium cyanide	A	10 (4.54)
Potassium hydroxide	C	1,000 (454)
Potassium permanganate	B	100 (45.4)
Propargite	A	10 (4.54)
Propionic acid	D	5,000 (2,270)
Propionic anhydride	D	5,000 (2,270)
Propylene oxide	B	100 (45.4)
Pyrethrins	X	1 (0.454)
Quinoline	D	5,000 (2,270)
Resorcinol	D	5,000 (2,270)
Selenium oxide	A	10 (4.54)
Silver nitrate	X	1 (0.454)
Sodium	A	10 (4.54)
Sodium arsenate	X	1 (0.454)
Sodium arsenite	X	1 (0.454)
Sodium bichromate	A	10 (4.54)
Sodium bifluoride	B	100 (45.4)
Sodium bisulfite	D	5,000 (2,270)
Sodium chromate	A	10 (4.54)

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TABLE 117.3—REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES DESIGNATED PURSUANT TO SECTION 311 OF THE CLEAN WATER ACT—Continued

Material	Category	RQ in pounds (kilograms)
Sodium cyanide	A	10 (4.54)
Sodium dodecylbenzenesulfonate	C	1,000 (454)
Sodium fluoride	C	1,000 (454)
Sodium hydrosulfide	D	5,000 (2,270)
Sodium hydroxide	C	1,000 (454)
Sodium hypochlorite	B	100 (45.4)
Sodium methylate	C	1,000 (454)
Sodium nitrite	B	100 (45.4)
Sodium phosphate, dibasic	D	5,000 (2,270)
Sodium phosphate, tribasic	D	5,000 (2,270)
Sodium selenite	B	100 (45.4)
Strontium chromate	A	10 (4.54)
Strychnine	A	10 (4.54)
Styrene	C	1,000 (454)
Sulfuric acid	C	1,000 (454)
Sulfur monochloride	C	1,000 (454)
2,4,5-T acid	C	1,000 (454)
2,4,5-T amines	D	5,000 (2,270)
2,4,5-T esters	C	1,000 (454)
2,4,5-T salts	C	1,000 (454)
TDE	X	1 (0.454)
2,4,5-TP acid	B	100 (45.4)
2,4,5-TP acid esters	B	100 (45.4)
Tetraethyl lead	A	10 (4.54)
Tetraethyl pyrophosphate	A	10 (4.54)
Thallium sulfate	B	100 (45.4)
Toluene	C	1,000 (454)
Toxaphene	X	1 (0.454)
Trichlorfon	B	100 (45.4)
Trichloroethylene	B	100 (45.4)
Trichlorophenol	A	10 (4.54)
Triethanolamine dodecylbenzenesulfonate	C	1,000 (454)
Triethylamine	D	5,000 (2,270)
Trimethylamine	B	100 (45.4)
Uranyl acetate	B	100 (45.4)
Uranyl nitrate	B	100 (45.4)
Vanadium pentoxide	C	1,000 (454)
Vanadyl sulfate	C	1,000 (454)
Vinyl acetate	D	5,000 (2,270)
Vinylidene chloride	B	100 (45.4)
Xylene (mixed)	B	100 (45.4)
Xylenol	C	1,000 (454)
Zinc acetate	C	1,000 (454)
Zinc ammonium chloride	C	1,000 (454)
Zinc borate	C	1,000 (454)
Zinc bromide	C	1,000 (454)
Zinc carbonate	C	1,000 (454)
Zinc chloride	C	1,000 (454)
Zinc cyanide	A	10 (4.54)
Zinc fluoride	C	1,000 (454)
Zinc formate	C	1,000 (454)
Zinc hydrosulfite	C	1,000 (454)
Zinc nitrate	C	1,000 (454)
Zinc phenolsulfonate	D	5,000 (2,270)
Zinc phosphide	B	100 (45.4)
Zinc silicofluoride	D	5,000 (2,270)
Zinc sulfate	C	1,000 (454)
Zirconium nitrate	D	5,000 (2,270)
Zirconium potassium fluoride	C	1,000 (454)
Zirconium sulfate	D	5,000 (2,270)
Zirconium tetrachloride	D	5,000 (2,270)

[50 FR 13513, Apr. 4, 1985, as amended at 51 FR 34547, Sept. 29, 1986; 54 FR 33482, Aug. 14, 1989; 58 FR 35327, June 30, 1993; 60 FR 30937, June 12, 1995]