

Stormwater Pollution Prevention Plan

For:

American Electro Products, LLC.

1358 Thomaston Avenue

Waterbury, CT, 06704

203-756-7051

Permit No: CTR050000

Version	Date	Author
Revision 0	3/ 31 / 2026	Loureiro Engineering Associates
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Section 1:


Certifications Contained in the SWPPP

1.1 Certification by the Permittee that the SWPPP Meets Permit Criteria

Instructions: The SWPPP must be signed as follows:

- for a corporation, by a responsible corporate officer or a duly authorized representative thereof, as those terms are defined in section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies.
- for a municipality, state, federal, or other public agency, by either a principal executive officer or a ranking elected official, as those terms are defined in section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies.
- for a partnership or a sole proprietorship, by a general partner or the proprietor, respectively.

“I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offence, in accordance with Section 22a-6, under Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.”


Certifier Name:	Bob Ronalter	Certifier Title:	Director of Quality and Process Engineering
Certifier Signature:		Date:	3/26/2026
Site/Facility Name and Address:	American Electro Products, LLC. 1358 Thomaston Avenue, Waterbury, CT, 06704	General Permit No.:	CTR05000

1.2 Certification by a Qualified Professional that the SWPPP Meets Permit Criteria

Instructions: For all permittees, the SWPPP must include certification that the SWPPP meets the criteria set forth in the IGP for the Discharge of Stormwater Associated with Industrial Activity. The official certification statement can be found in Appendix D. This certification must be signed and dated by a professional engineer licensed to practice in the State of Connecticut or a Certified Hazardous Materials Manager. The language of the certification must not be altered, and the certification as well as supporting documentation, must be included in the SWPPP. If significant changes are made to the site or to the SWPPP in accordance with the IGP, the SWPPP must be re-certified in accordance with this section.

I certify that I have thoroughly and completely reviewed the Stormwater Pollution Prevention Plan prepared for the site or facility known as American Electro Products, LLC.. I further certify, based on such review and site visit by myself or my agent, and on my professional judgment, that the Stormwater Pollution Prevention Plan meets the criteria set forth in the IGP for the Discharge of Stormwater Associated with Industrial Activity.

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

Certifier Name:	Emily Kelting, P.E.	Certifier Title:	Project Manager
Certifier Signature:		Date:	4/1/2026
Site/Facility Name and Address:	American Electro Products, LLC. 1358 Thomaston Avenue, Waterbury, CT, 06704	General Permit No.:	CTR05000


1.3 Certification of Non-stormwater Discharges

Instructions: For all permittees, the SWPPP must include certification that the stormwater discharge(s) from the site consist only of stormwater, or of stormwater combined with wastewater authorized by an effective permit issued under section 22a-430 or section 22a-430b of the CT General Statutes, including the provisions of this general permit, or of stormwater combined with any of the authorized non-stormwater discharges described in the permit, provided they do not contribute to a violation of water quality standards. The official certification statement, in accordance with the permit. This certification must be signed and dated by a qualified professional as described in the permit. The language of the certification must not be altered. If significant changes are made to the site or to the SWPPP, the SWPPP must be re-certified.

I certify that, in my professional judgment, the stormwater discharge from the site or facility known as American Electro Products, LLC. consists only of stormwater, or of stormwater combined with wastewater authorized by an effective permit issued under section 22a-430 or section 22a-430b of the Connecticut General Statutes, including the provisions of the IGP for the Discharge of Stormwater Associated with Industrial Activity, or of stormwater combined with any of the following discharges, provided they do not contribute to a violation of water quality standards.

This certification is based on testing and/or evaluation of the stormwater discharge from the site. I further certify that all potential sources of non-stormwater at the site, a description of the results of any test and/or evaluation for the presence of non-stormwater discharges, the evaluation criteria or testing method used, the date of any testing and/or evaluation, and the on-site drainage points that were directly observed during the test have been described in detail in the Stormwater Pollution Prevention Plan prepared for the site. I further certify that no interior building floor drains exist unless such floor drain connection has been approved and permitted by the commissioner or otherwise authorized by a local authority for discharge as domestic sewage to a sanitary sewer.

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate, and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

Certifier Name:	Emily Kelting, P.E.	Certifier Title:	Project Manager
Certifier Signature:		Date:	4/1/2026
Site/Facility Name and Address:	American Electro Products, LLC. 1358 Thomaston Avenue, Waterbury, CT, 06704	General Permit No.:	CTR05000

1.4 Certification of an Inactive or Unstaffed Facility

Instructions: For permittees who wish to invoke monitoring or inspection exemptions for inactive or unstaffed sites, the permittee must contact the Stormwater Program request an affirmative determination from the Commissioner that the facility meets requirements for such exemptions.

The permittee must also include a certification statement pursuant to the permit indicating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to stormwater as well as supporting documentation. Supporting documents must address requirements in accordance with the permit to conduct routine facility inspections and monitoring. The official certification statement, in accordance with the permit, can be found in Appendix F. This certification must be signed and dated by a qualified professional as described in the permit. The language of the certification must not be altered, and the certification as well as supporting documentation and affirmative determination from the Commissioner, must be included in the SWPPP.

If circumstances change and industrial materials or activities become exposed to stormwater or the facility becomes active and/or staffed, exceptions no longer apply, and the permittee must immediately resume the requirements of the IGP (e.g., inspections, monitoring, etc.) and submit a notification to the Commissioner.

~~I certify that I have thoroughly examined the site or facility known as [Click or tap here to enter text.](#) I further certify, based on such examination and site visit by myself or my agent, and on my professional judgment, that the facility is inactive or unstaffed. Furthermore, I certify that all reasonable steps have been taken to prevent pollutants from entering stormwater, including all applicable provisions in the IGP for the Discharge of Stormwater Associated with Industrial Activity.~~

~~I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate, and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.~~

~~Certifier Name: [Click or tap here to enter text.](#) Certifier Title: [Click or tap here to enter text.](#)~~

~~Certifier Signature: Date: [Click or tap here to enter text.](#)~~

~~Site/Facility Name and Address: [Click or tap here to enter text.](#) General Permit No.: [Click or tap here to enter text.](#)~~

N/A

1.5 Certification of an Engineered Stormwater Discharge System

Instructions: Any evaluation, construction, or modification of the design of an engineered stormwater drainage system, as defined in the Connecticut Stormwater Quality Manual, requires certification by a Professional Engineer. The certification and supporting documentation must be kept in the SWPPP. The official certification statement must be written in accordance with the IGP.

N/A

1.6 Any Additional Certifications

Instructions: Any additional certifications and supporting documentation must be kept in the SWPPP. Official certification statements must be written in accordance with the IGP.

N/A

1.7 Additional Permits

Instructions: The permittee should identify in their SWPPP any additional permits for discharges generated on-site not authorized by this permit. Discharges not authorized by this permit must be authorized by a separate permit issued pursuant to Section 22a-430 or 22a-430b of the Connecticut General Statutes.

Where stormwater is commingled with discharges authorized by another permit, the permittee must identify the location for such commingled discharge in the SWPPP. If the permittee can certify, consistent with the permit, that a particular discharge composed of commingled stormwater and non-stormwater is authorized under a separate permit, and that permit subjects the non-stormwater portion to effluent limitations before any commingling, the permittee must retain such certification with their SWPPP. This certification must identify the non-stormwater discharges, the applicable permit(s), the effluent limitations placed on the non-stormwater discharge by the permit(s), and the points at which the limitations are applied.

AEP discharges wastewater to the Waterbury Publicly Owned Treatment Works under the General Pretreatment Permit for Significant Industrial User, Dewatering, and Remediation Discharges (Permit No. CTSIU0140).

Section 2: Pollution Prevention Team

Instructions: Identify the specific individual(s) serving as members of the stormwater pollution prevention team and their specific responsibilities. The team must be comprised of “Qualified Person(s)” or “Qualified Personnel”. Include any engineering consultants that have been hired to implement any portion of the Plan. At least one team member shall be present at the facility or on call during all operational shifts. The stormwater pollution prevention team is responsible for developing the Plan, implementing the actions required by the Plan, revising the Plan, and taking all necessary corrective actions. The activities and responsibilities of the team must address all aspects of the SWPPP. Each member of the pollution prevention team must have ready access to either an electronic or paper copy of applicable portions of the permit and the SWPPP.

Role	Name and Title	Phone Number
PPT Leader/Coordinator	Shpresa Biba, Environmental and Safety Manager	203-756-7051 x 274
PPT Assistant Coordinator	Bob Ronalter, Director of Corporate Quality and Process Engineering	203-756-7051 x 254
PPT Member, Chemical Handling	Paul Pavone, Director of Manufacturing and Facilities	203-756-7051 x 275
PPT Member, Chemical Receiving	Chris Clark, Chemistry Manager	203-756-7051 x 245
PPT Member, Pollution Control	David Hailstones, Pollution Leadman	N/A - no work phone
PPT Member, Maintenance	Tony Acevedo, Maintenance Mechanic	203-756-7051 x 248

PPT Responsibilities (*Team Leader responsibilities)

- Direct the development of this Plan*
- Maintain records and ensure reports are properly submitted*
- Assist in implementation, maintenance, and revision of this Plan
- Assist in the identification of pollutant sources and risks
- Assist in the selection of appropriate BMPs
- Direct implementation of BMPs
- Participate in routine evaluation of the effectiveness of this Plan*
- Ensure routine inspections are performed or perform inspections
- Ensure preventive maintenance program is implemented
- Take corrective actions where required
- Oversee housekeeping practices
- Coordinate spill response activities
- Coordinate the employee training program*
- Ensure performance of or perform semi-annual comprehensive site compliance inspections*
- Coordinate collection of stormwater discharge samples and perform reporting as detailed in this Plan*

Section 3: Facility/Site Description and Contact Information

3.1 Contact Information/Responsible Parties

Facility Operator(s):
Name: American Electro Products, LLC.
Address: 1358 Thomaston Avenue
City, State, Zip Code: Waterbury, CT, 06704
Telephone Number: 203-756-7051
Email address: sbiba@americanelectro.com

Facility Owners(s) if different than operator:
Name: Sumco LLC
Address: 1351 S Girls School Road
City, State, Zip Code: Indianapolis, IN, 46231
Telephone Number: (317) 241-7600
Email address: sales@sumco.com

Site Contact if different than operator:
Name: Shpresa Biba
Address: 1358 Thomaston Avenue
City, State, Zip Code: Waterbury, CT, 06704
Telephone Number: 203-756-7051 x 274
Email address: sbiba@americanelectro.com

SWPPP Contact(s):
SWPPP Contact Name (Primary): Same as above
Telephone Number: Same as above
Email address: Same as above
SWPPP Contact Name (Backup): Bob Ronalter
Telephone Number: 203-756-7051 x 254
Email address: bronalter@americanelectro.com

3.2 Facility/Site Description

Instructions: The Plan shall be representative of current site conditions and shall address, at a minimum, all the elements below. If an element is not applicable, the Plan shall identify it and explain why it does not apply. The appropriate reference to sections of the IGP is identified for each element. Refer to the IGP for specific details about each element.

Facility/Site Name: American Electro Products, LLC.	
Street/Location: 1358 Thomaston Avenue	
City: Waterbury	State: CT ZIP Code: 06704
Primary regulated industrial sector and its description: Sector AA: Fabricated Metal Products	
Primary four-digit Standard Industrial Classification (SIC) code and its description: 3471: Electroplating, Plating, Polishing, Anodizing, and Coloring	
Primary six-digit North American Industry Classification System NAICS code and its description: 332813 Electroplating, Plating, Polishing, Anodizing, and Coloring	
Co-located Industrial Activity(s) SIC code(s), NAICS code(s), Sector(s) and Subsector(s): N/A	
Is your facility presently inactive and unstaffed, and are there no industrial materials or activities exposed to stormwater? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Latitude/Longitude	
Latitude:	Longitude:
41.5850 ° N (decimal degrees)	-73.0484 ° W (decimal degrees)

AEP, located at 1316 & 1358 Thomaston Avenue in Waterbury, CT, is a plater of precious metals for electronics and other related industries. The 1316 and 1358 Thomaston Avenue properties are contiguous properties separated by the employee parking lot. The site is approximately 2.4 acres in size and is located approximately 1,000 feet east of the Naugatuck River.

3.3 Water Quality Classification

Instructions: Permittees must use the Water Quality Classification Maps relevant to the Connecticut Water Quality Standards to determine the class assigned to each surface water and groundwater resource to which they discharge: https://portal.ct.gov/DEEP/Water/Water-Quality/Water-Quality-Classification-Maps
Identify the water classification for each surface water in which stormwater discharge from the site reaches: Outfall 001 discharges to the Waterbury Municipal Separate Storm Sewer System (MS4). Outfall 002 discharges to an unnamed brook (no water quality classification), which ultimately discharges to the Naugatuck River (water quality B).
Does the site discharge within 500 feet of a tidal wetland? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does the facility have new or increased discharges to High Quality Waters (<i>see definition in RCSA 22a-426-1</i>)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>If yes, you must document compliance with the Connecticut Antidegradation Implementation Policy in the Water Quality Standards, as amended, on or before thirty (30) days prior to the commencement of a new or increased discharge to High Quality Waters from the industrial activity. At a minimum, the permittee shall identify the control measures it will implement to prevent the discharge of the Water Quality Volume to a surface water body.</i> N/A
If yes, which parameters and sample frequency apply? N/A

Section 4: Monitoring Program and Relevant Procedures

4.1 Monitoring Procedures

Instructions: Describe the monitoring program and sampling data for stormwater discharges at the site, in accordance with the “Monitoring” section of the IGP. Existing permitted facilities must summarize all stormwater discharge sampling data collected at the facility during the previous permit term. The summary must include a narrative description (and may include data tables/figures) that adequately summarizes the collected sampling data to support identification of potential pollution sources at their facility. New dischargers and new sources must provide a summary of any available stormwater data they may have.

Monitoring Procedures

The following sampling procedures must be followed during analytical monitoring events:

- Samples can only be collected from discharges resulting from a storm event that occurs at least 72 hours after the last previous storm event generating a stormwater discharge from the Site.
- For sites that discharge through a detention basin or other stormwater management structure, the sample must be taken at the discharge from the basin or structure.
- Grab samples shall be used for all monitoring and shall not be commingled or combined with other waste streams.
- Collection of grab samples must begin within the first 30 minutes of stormwater being discharged at the sampling location and must be completed as soon as possible. If it is not possible to collect the sample within the first 30 minutes of a qualifying storm event, the sample must be collected as soon as it is feasible to do so after the first 30 minutes and the reason for the delay must be documented on the sampling form and in Section 4.8 of this SWPPP, Monitoring Program Documentation, under *Deviations from Monitoring Schedule*.
- Samples must be collected at the designated outfalls or at the nearest feasible location representative of the discharge.
- All samples for a monitoring event must be taken during the same storm event, if feasible.
- The timing of a rain event is not an acceptable reason to fail to sample unless it precludes the analysis of a parameter within the acceptable hold time specified by a laboratory.

The following information must be collected and recorded for the storm events monitored:

- The place, date, and time of sampling and the time the discharge started;
- The person(s) collecting samples;
- The dates and times the analyses were initiated;
- The person(s) or laboratory that performed the analyses;
- The analytical techniques or methods used; and,
- The results of all analyses.

Summary of Monitoring During Previous Permit Term

During the previous permit term, AEP collected samples from Outfall 001 (DSN 001). Outfall 002 (DSN 002) was not sampled, as Outfall 001 was considered to be representative of both, and the brook running through the catch basin for 002 makes it difficult to collect a representative stormwater sample.

As shown in the table below, AEP sampled out of every analyte except TSS after August 2013. AEP sampled out of TSS after one additional sample in November 2013.

Outfall 001							
Sample Date	3/28/12	9/18/12	6/3/13	8/9/13	11/7/13	Average of final 4 samples	Benchmark
O&G	9.4	2.8	ND<2.0	ND<2.0		4.1	5.0 mg/L
Sample pH	7.2	6.8	6.8	6.9		6.9	5-9 S.U.
COD	90	26	ND<10	ND<10		34	75 mg/L
TSS	764	6	35	9	2	13	90 mg/L
TP	0.57	0.08	0.08	0.08		0.20	0.40 mg/L
TKN	2.5	1.36	0.39	0.38		1.16	2.30 mg/L
NO3-N	0.6	0.67	0.1	0.3		0.42	1.10 mg/L
Total Copper	0.151	0.026	0.015	0.023		0.054	0.059 mg/L
Total Zinc	0.051	ND<0.030	ND<0.030	ND<0.030		0.035	0.160 mg/L
Total Lead	ND<0.030	ND<0.030	ND<0.030	ND<0.030		0.030	0.076 mg/L

4.2 Discharge Points

Instructions: Discharge points must be sequentially numbered (001, 002, 003...010, etc.) and given a descriptor (e.g., Wet Deck Area) in the SWPPP (e.g., 001 Wet Deck Area, 002 Logging Area).					
Location of Discharge Point	Sequential Number & Descriptor	Description of General Industrial Activities in Drainage Area	Description of Control Measures in Drainage Area	Description of Exposed Materials in Drainage Area	Estimate of Runoff Coefficient of Drainage Area
Catch basin near northwest corner of 1358 building	DSN 001 North Side	Drainage Area 001 consists of the paved areas on the north end of the site, and the northern portion of the 1358 Thomaston Avenue building. This section of the building including plating operations, on-site wastewater treatment operations, a laboratory, a QA/QC room, and a chemical storage room.	<p>This area contains three connected catch basins, which connect to the Waterbury MS4.</p> <p>The section of the 1358 roof in this area has gutters on the east and west sides. The downspouts on the east side open to the ground surface. and the downspouts on the west side connect to the municipal sewer system directly.</p>	<ul style="list-style-type: none"> • 300 square foot metal hydroxide filter cake storage shed • Loading/unloading area • Tank storage area (sodium hypochlorite, sulfuric acid, sodium hydroxide) • Roof process ventilation areas • MSW compactor • Wooden pallets • Empty Drum Storage • One transformer • One emergency generator • Vehicle traffic 	0.81

Instructions: Discharge points must be sequentially numbered (001, 002, 003...010, etc.) and given a descriptor (e.g., Wet Deck Area) in the SWPPP (e.g., 001 Wet Deck Area, 002 Logging Area).					
Location of Discharge Point	Sequential Number & Descriptor	Description of General Industrial Activities in Drainage Area	Description of Control Measures in Drainage Area	Description of Exposed Materials in Drainage Area	Estimate of Runoff Coefficient of Drainage Area
Catch basin near southwest corner of 1358 building	DSN 002 South Side	<p>Drainage Area 002 consists of the paved areas on the south end of the site, the southern portion of the 1358 Thomaston Avenue building, and the northern portion of the 1316 Thomaston Avenue building.</p> <p>The southern portion of the 1358 building contains plating operations, offices, and maintenance, and the northern portion of the 1316 building contains general machining, milling operations, and a second floor paint booth.</p>	<p>This area contains one catch basin. An unnamed brook enclosed in a concrete culvert flows through the catch basin, and ultimately connects to the Naugatuck River.</p> <p>The section of the 1358 roof in this area has an approximately 1-foot high wall around three sides. A gutter on the east side of the building collects stormwater, which flows to downspouts that connect into a pipe that opens to the ground surface.</p> <p>Stormwater from the section of the 1316 roof in this area flows to downspouts which open to the ground surface.</p>	<ul style="list-style-type: none"> • 480 square foot chemical storage shed • Chemical loading and unloading areas (Employee entrance, chemical storage shed, 1316) • Metal tubing storage • Roof and wall process ventilation areas • Two transformers • MSW dumpster • Vehicle traffic 	0.88
Off site	N/A	N/A	<p>The southern half of the 1316 roof is not included in the drainage areas outlined above. This half of the roof contains no process vents or other industrial activity. Stormwater from this half of the roof drains via downspouts to the fenced in neighboring property, which is inaccessible to AEP personnel.</p>	N/A	N/A

Instructions: For each outfall, the permittee must provide the following information:	
Outfall Identifier:	DSN 001
Type(s) of monitoring performed:	Benchmark monitoring, Aquatic toxicity
Locations where samples are collected:	Catch basin near northwest corner of 1358 building
Select the type of conveyance, outfall, or channelized flow:	<input type="checkbox"/> Pipe <input checked="" type="checkbox"/> Catch Basin <input type="checkbox"/> Swale <input type="checkbox"/> Other:
Is the discharge subject to effluent limitation guidelines (ELGs) (see IGP)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
To what system or receiving water does your stormwater runoff discharge? If you answer "MS4" or "wetlands", the following questions related to impaired water are not applicable	<input checked="" type="checkbox"/> Storm Sewer System (MS4) <input type="checkbox"/> Wetlands <input type="checkbox"/> Waterbody
If selected Separate Storm Sewer System above, name the system:	Waterbury MS4
If applicable, name receiving surface water, watershed, or waterbody (include waterbody ID) for each discharge:	N/A
Is receiving water impaired?	N/A
If yes, what is the impairment(s)?	N/A
Has a Total Maximum Daily Load (TMDL) been approved for any of the identified pollutants? If yes, please answer the below questions.	N/A
If yes, what is the name of the TMDL?	N/A
Identify the pollutant(s) causing the impairment(s):	N/A
Provide sampling frequency for Impairments, if applicable	N/A

Instructions: For each outfall, the permittee must provide the following information:	
Outfall Identifier:	DSN 002
Type(s) of monitoring performed:	Benchmark monitoring, Aquatic toxicity
Locations where samples are collected:	Runoff into catch basin near southwest corner of 1358 building (Runoff sampled in order to avoid the brook running through the catch basin)
Select the type of conveyance, outfall, or channelized flow:	<input type="checkbox"/> Pipe <input checked="" type="checkbox"/> Catch Basin <input type="checkbox"/> Swale <input type="checkbox"/> Other:
Is the discharge subject to effluent limitation guidelines (ELGs) (see IGP)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
To what system or receiving water does your stormwater runoff discharge? If you answer "MS4" or "wetlands", the following questions related to impaired water are not applicable	<input type="checkbox"/> Storm Sewer System (MS4) <input type="checkbox"/> Wetlands <input checked="" type="checkbox"/> Waterbody
If selected Separate Storm Sewer System above, name the system:	N/A
If applicable, name receiving surface water, watershed, or waterbody (include waterbody ID) for each discharge:	Unnamed brook, no waterbody ID
Is receiving water impaired?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, what is the impairment(s)?	N/A
Has a Total Maximum Daily Load (TMDL) been approved for any of the identified pollutants? If yes, please answer the below questions.	N/A
If yes, what is the name of the TMDL?	N/A
Identify the pollutant(s) causing the impairment(s):	N/A
Provide sampling frequency for Impairments, if applicable	N/A

4.3 Changes or Additions to Discharge Points

Instructions: Permittees must notify the Commissioner of changes to the number or location of discharge points, either of which may require monitoring to be restarted and/or the SWPPP to be revised in accordance with the IGP.		
List changes below:	Commissioner Notified?	
N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No

4.4 List of all Monitoring Program Requirements

Instructions: The Permittee must maintain a list of all required monitoring for their facility. This permit has six types of required monitoring:

- Benchmark monitoring
- Additional monitoring
- Effluent limits monitoring
- Aquatic toxicity
- Impaired waters monitoring
- Other monitoring as required by the Commissioner

Monitoring requirements for each sector are listed in the IGP. The permittee may copy the table in their sector-specific monitoring requirements (pursuant to the IGP), adjusting only for any impaired waters monitoring requirements.

Benchmark Monitoring

The first semiannual benchmark monitoring event of each sampling year must be conducted between January 1st and June 30th, and the second must be conducted between July 1st and December 31st. Monitoring events must be separated by at least 30 days.

Additional Monitoring

AEP is not in a sector that requires additional monitoring.

Effluent Limits Monitoring

AEP is not in a sector that requires effluent limits monitoring.

Aquatic Toxicity

Annual aquatic toxicity monitoring must be performed in the first year after receiving the Notice of Coverage from the Commissioner. Aquatic Toxicity must be included in a regularly scheduled semiannual sample.

Impaired Waters Monitoring

According to the IGP, industrial activities that discharge directly to impaired waters, as identified by CT DEEP, must conduct stormwater monitoring in addition to the standard benchmark monitoring. All fresh waterbodies in the state of Connecticut are considered impaired for fish consumption due to atmospheric deposition of mercury. Sites where stormwater is or could be exposed to sources of mercury must monitor for mercury once per year. Due to the operations conducted on site, the Site does not have the potential to contaminate stormwater with mercury and therefore no additional monitoring for mercury is required.

Based on a review of CT DEEP's list of impaired waters, none of the Site's drainage areas discharge directly into any impaired waters, so no additional monitoring is required.

Other Monitoring as Required by the Commissioner

AEP is not currently subject to other monitoring as required by the Commissioner.

Test Procedures

The following testing procedures must be followed:

- All pollutant parameters must be tested according to methods pursuant to 40 CFR 136 for the analysis of pollutants having approved methods under that part, unless a method is required under 40 CFR Subchapter N or unless an alternative method has been approved in writing pursuant to 40 CFR 136.5.
- Acute toxicity biomonitoring tests must be conducted according to the procedures specified in Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, 5th Edition (Environmental Protection Agency (EPA) 821-R-02-012).

A list of the required monitoring parameters should be submitted to the analyzing laboratory prior to a sampling event, so that the lab can supply AEP with the necessary collection containers. It is recommended that an extra set of containers be obtained in the event any are damaged during the sampling event or in transport from the laboratory. The laboratory may also provide coolers and corresponding paperwork such as a chain-of-custody form and sample container labels. Instructions for the proper completion of the corresponding paperwork may be obtained through the laboratory.

Evaluation of Benchmark Monitoring Results

As required by the IGP, Section 4.5.1, the results of AEP's Semiannual Benchmark Monitoring must comply with the benchmarks for the specified parameters. AEP must calculate the average of the monitoring results from the four (4) most recent sampling events for each of the parameters. For averaging purposes, if a parameter is detected at a concentration less than the analyzing laboratory's method detection limit, a value equal to half the method detection limit reported by the laboratory should be used. For sample values that fall between the method detection level and the reporting level (i.e., a confirmed detection but below the level that cannot be reliably quantified), a value equivalent to half the reporting level reported by the analyzing laboratory should be used. These averages must then be compared to the benchmark values. If AEP fails to collect a sample during an entire semiannual benchmark monitoring period, monitoring results from preceding semiannual periods cannot be used for averaging purposes.

Data Not Exceeding Benchmarks

If the average of the four most recent consecutive semiannual monitoring results for any parameter is less than or equal to the benchmarks, AEP can discontinue monitoring for that parameter for a maximum of two (2) years. An exemption for sample pH cannot be earned until exemptions for all other parameters are met. Once AEP is able to discontinue monitoring for all parameters, CT DEEP should be notified of the change of monitoring frequency by email at DEEP.StormwaterIndustrial@ct.gov.

Data Exceeding Benchmarks

An exceedance occurs for a parameter if the average of four (4) consecutive semiannual monitoring values exceeds the benchmark threshold, or if fewer than four (4) samples have been collected but a but a single sample exceeds the benchmark threshold by more than four (4) times that parameter's threshold.

In the case of an exceedance, AEP must follow the corrective action schedule outlined in the IGP. Failure to conduct any required corrective actions after a benchmark exceedance occurs is a permit violation.

Off-Site Pollutant Levels

Following the first four (4) semiannual events of benchmark monitoring (or sooner if the exceedance is triggered by less than four (4) monitoring events), if the average concentration of a pollutant exceeds a benchmark value, and AEP determines that exceedance of the benchmark is attributable solely to the presence of that pollutant in “run-on” entering from off-site, AEP is not required to perform corrective actions or additional benchmark monitoring provided all of the following conditions are met:

- The average concentration of the benchmark monitoring results is less than or equal to the pollutant concentration in “run-on” entering from off-site (Including changes in pH due to rainfall).
- AEP documents and maintains with this Plan the supporting rationale for concluding that benchmark exceedances are in fact attributable solely to “run-on” entering from off-site, including any supporting rationale or any data previously collected by them or others.
- AEP demonstrates that the diversion of off-site run-on containing these pollutant levels is infeasible through engineering analysis.
- AEP notifies CT DEEP’s Commissioner of the findings, and the Commissioner issues a written approval of the permittee’s documentation demonstrating that the benchmark exceedances are attributable solely to off-site pollutant levels.

Inability to Collect a Sample

If a benchmark monitoring sample could not be collected during an entire semiannual monitoring period, a Discharge Monitoring Report (DMR) should still be submitted. In such a case, AEP must indicate in NetDMR any failure to monitor during the regular reporting period with an explanation of the limitations restricting the collection of an appropriate sample. The appropriate No Data Indicator code from the GP should be included on the DMR. Documentation should also be maintained in Attachment N. Reasons may include the absence of a 72-hour period of dry weather, the absence of a rain event that produces a stormwater discharge, the absence of a discharge from a detention or retention basin, or adverse weather conditions preventing access to the stormwater discharge location. The timing of a rain event is not an acceptable reason to fail to sample unless it precludes the analysis of a parameter within the acceptable hold time specified by a laboratory.

Monitoring Type	Thresholds or Limits	Applies To	Frequency	Duration	Follow-up Action
Benchmark Monitoring	Yes	All Sectors	Semiannually ²	Until Exemption Criteria are Met	Refer to the permit
Additional Monitoring	No	A, C, D, E, F, J M, N, O, P, Q, R, S, AE, AF	Refer to the permit	Refer to the permit	None
Effluent Limitations Guidelines (ELG)	Yes	A, D, E, J, K, L, S	Annually	Entire Permit Term	Refer to the permit
Aquatic Toxicity	No	All Sectors	Annually	Once	If Required by the Commissioner
303d Monitoring	Total Maximum Daily Loads (TMDLs) of receiving water for stormwater discharges ¹	All permittees discharging to an impaired water without an applicable TMDL or any waterbody associated with a TMDL or Waters Included in the Pollution Control Strategy developed by CT DEEP	Annually	Entire Permit Term	If Required by the Commissioner
Other Monitoring, as Required by the Commissioner			Refer to the permit		

¹Refer to the Connecticut DEEP Water Quality Plans and Assessment Map:

<https://portal.ct.gov/DEEP/Water/Water-Quality/Water-Quality-305b-Report-to-Congress>.

²Sector M (Automobile Salvage Yards) and Sector N (Scrap Recycling and Waste Recycling Facilities) have quarterly benchmark monitoring schedules for the parameters iron, mercury, and aluminum. Sector O (Steam Electric Generating Facilities) has a quarterly benchmark monitoring schedule for the parameter iron.

4.5 Monitoring Program Schedules and Procedures

Instructions: Monitoring schedules and procedures for each sector are listed in tables in the permit. Monitoring procedures. The permittee may copy the monitoring table, which lists the monitoring schedule and procedures, adjusting only for any impaired waters monitoring requirements as needed. Any exemptions earned must be clearly indicated, and the list of required parameters must be adjusted accordingly.

All Monitoring Requirements for Sector AA (Fabricated Metal Products)				
MONITORING TYPE	INDUSTRIAL ACTIVITY	SCHEDULE	PARAMETER	THRESHOLD OR LIMIT
BENCHMARK IGP, Section 4.5.1	Applies to all Sector AA facilities	Semiannually until requirements for benchmark monitoring exemption are met ¹	Chemical Oxygen Demand (COD)	75 mg/L
			Total Oil and Grease (O&G)	5.0 mg/L
			pH	5.0 - 9.0 s.u.
			Total Suspended Solids (TSS)	90 mg/L
			Total Phosphorus (TP)	0.40 mg/L
			Total Kjeldahl Nitrogen (TKN)	2.30 mg/L
			Nitrate as Nitrogen (NO ₃ -N)	1.10 mg/L
			Total Copper (Cu)	0.059 mg/L
			Total Lead (Pb)	0.076 mg/L
			Total Zinc (Zn)	0.160 mg/L
Aluminum (Al)	0.75 mg/L			
ADDITIONAL IGP, Section 4.5.2	Applies to all Sector AA facilities	No additional monitoring for Sector AA		
EFFLUENT LIMITS IGP, Section 4.5.3	Applies to all Sector AA facilities	No effluent limits for Sector AA		
AQUATIC TOXICITY IGP, Section 4.5.4	Applies to all Sector AA facilities	Once in the permit term ³	LC ₅₀ for <i>Daphnia pulex</i>	None
IMPAIRED WATERS IGP, Section 4.5.5	Applies to all Sector AA facilities	Annually	N/A	

¹ Facilities may qualify for benchmark exemptions for a maximum of 2 years at a time (in addition to IGP, Section 4.5.1).

² DEEP Water Quality Plans and Assessment Map: <https://portal.ct.gov/DEEP/Water/Water-Quality/Water-Quality-305b-Report-to-Congress>.

³ Aquatic toxicity testing shall be performed in the first year after receiving the Notice of Coverage from the Commissioner and the results shall be reported in NetDMR.

4.6 Substantially Identical Discharge Points

Instructions: Document the following if you plan to use the substantially identical discharge point (SIDP) exceptions. For each SIDP, you must describe which discharge points they represent and an explanation of why the discharge points are expected to be substantially identical. The allowance for monitoring only one of the SIDP is NOT applicable to any discharge points subject to numeric effluent limitations guidelines.

SIDP	Discharge Points Represented	Explanation of “Substantially Identical” Expectation
N/A	N/A	N/A

4.7 Monitoring Exemptions for Inactive and Unstaffed Facilities

Instructions: If a permittee is invoking the exception for inactive and unstaffed facilities for indicator monitoring, benchmark monitoring, or impaired waters monitoring, the permittee must include in their SWPPP a certification statement as well as information to support this claim, as required by the IGP.

~~[If Applicable] Certification can be found on page #~~

N/A

4.8 Monitoring Program Documentation

Discharge Monitoring Reports (DMRs)

Instructions: This section of the SWPPP must contain the last five (5) years of the discharge monitoring reports (DMRs) for each discharge point monitored. If DMRs are stored electronically, the SWPPP must indicate this location in the SWPPP and make them available upon request.

[Insert documentation here, or provide a description of a physical location]

Monitoring Records

Instructions: For each measurement or sample taken pursuant to the requirements of this general permit, the discharger must maintain records of the following information:

- Place, date, and time of sampling, and the time the discharge started
- The person(s) collecting samples
- The dates and times the analyses were initiated
- The person(s) or laboratory that performed the analyses
- The analytical techniques or methods used
- The results of the analyses

Deviations from the Monitoring Schedule

Instructions: This section of the SWPPP must describe any deviations from the schedule for visual assessments and/or outfall monitoring, and the reason for the deviations (e.g., adverse weather or it was infeasible to collect samples within the first thirty (30) minutes of a qualifying storm event).

Date / Time	Monitoring Type (Visual / Semiannual)	Location / Outfall	Inspector / Sampler	Description and Cause(s) of Deviation	Potential Impact to Stormwater or Permit Compliance (Yes/No, Include Explanation)	Immediate Corrective Action(s) Taken [Include Completion Date]	Preventive Measure(s) Implemented [Yes / No]	Follow-Up Verification [Date and Name of Verifier]

Corrective Actions for Monitoring Exceedances

Instructions: This section of the SWPPP must describe any corrective action documentation required per the IGP. If a permittee is invoking the exception for inactive and unstaffed facilities for indicator monitoring, benchmark monitoring or impaired waters monitoring, the permittee must include in their SWPPP a certification statement (Appendix F) as well as information to support this claim as required by Section 7(b)(14), 7(c)(2)(G)(iii), and Section 7(e).

Documentation of Benchmark Exceedances, Type of Response, & Corrective Action:

[\[Insert Documentation Here\]](#)

Documentation that Benchmark Monitoring can be Discontinued because the Exceedance was due to Run-On:

[\[Insert Documentation Here\]](#)

Documentation that no Further Pollutant Reductions were Technologically Available and Economically Practicable:

[\[Insert Documentation Here\]](#)

Documentation to Support the Conclusion that Pollutants of Concern are not Expected to be Present Above Natural Background Levels:

[\[Insert Documentation Here\]](#)

Section 5: Summary of Potential Pollutant Sources

5.1 Potential Pollutant Sources from Industrial Activities

List of Industrial Activities

Instructions: Identify a list of the industrial activities exposed to stormwater, including but not limited to those found in the IGP.
Vehicle and Equipment Fueling, Maintenance, Cleaning, and Storage:
No vehicle and equipment fueling, maintenance, cleaning, or storage takes place on site.
Solid De-icing Material Storage:
No solid de-icing material is stored on site.
Industrial Materials Storage Areas:
<i>Sludge Storage Shed</i> Metal hydroxide filter cake sludge (dewatered sludge) from wastewater treatment is stored on pallets in coated polypropylene bags with liners in a roofed shed on the northeast side of the main process building. The shed sits on a raised concrete foundation which is bermed on the inside along the four interior walls of the building.
<i>Tank Storage Area</i> An outdoor tank storage area is located on the northeast side of 1358. Tank storage consists of a 4,400-gallon sodium hypochlorite tank, a 3,150-gallon sulfuric acid tank, and a 4,400-gallon sodium hydroxide solution tank. All three tanks are double walled, and stored on a concrete pad within a concrete bermed area. The high level and leak detection alarm system panels are located in the Chemical Storage area inside the building.
<i>Empty Plastic Drum Storage</i> Empty plastic drums are stored in the tank storage area. These drums are from multiple types of chemical storage, primarily cleaners and acid. They are triple rinsed in the wastewater treatment room before being placed in outdoor storage.
<i>Chemical Storage Shed</i> The chemical storage shed is located off of the southeast corner of 1358. Acids are stored in this shed, and containers are never opened in this shed.
<i>Metal Tubing Storage</i> Metal tubing is stored inside PVC piping that is raised up off the ground on the east side of the Chemical Storage Shed. The tubing is not contaminated with any chemicals.
<i>Wooden Pallets</i> Used wooden pallets are stored northeast of 1358, on the north side of the compactor. These pallets are from skids of incoming chemicals and non-chemicals, and are not contaminated with chemicals. None have been used for sludge. AEP procedures dictate that contaminated pallets be handled in the waste treatment room. The solid/liquid is swept/washed off the contaminated area of the pallet and the removed material is treated in the waste treatment room.

Materials Handling Activities:

1358 Shipping and Receiving Area

This area is located at the north side of 1358, and is the primary chemical and waste loading/unloading area for the site, and the only loading area in this building which receives chemicals. A large variety of chemicals are received through this loading area, including primarily acids, alkalis, and solvents, as well as an oxidizer. All process chemicals and chemicals used in the laboratory and in quality control are delivered here. Raw material (parts) and metals are received through this area and finished product is shipped through this area.

The loading area is at ground level. Trucks are staged just outside the loading area during deliveries. Two spill mats are located within the Shipping and Receiving area and a spill kit in the adjacent Chemical Storage area, for use during chemical deliveries.

Sludge Storage Shed

A forklift is used to transport closed 55-gallon steel drums of sludge from 1358 to the shed. When inside the shed, the sludge is transferred to a Flex Bin bag. When the filter cake is picked up for disposal, bags are closed and transported on a pallet by a forklift to the 1358 Shipping and Receiving Area, where they are loaded onto the truck.

AEP practices for minimizing the potential for stormwater contamination include the cleaning of the outside of the bags before moving outdoors, not overfilling the bags, and identifying deteriorating bags to replace. Spill equipment from the Shipping and Receiving area and Chemical Storage area would be used in the event of a spill or release.

Tank Storage Area

The tank storage area inlet pipes are located off of the northeast corner of 1358. Chemicals delivered in bulk at this location include sodium hypochlorite, sulfuric acid, and sodium hydroxide. All deliveries are supervised by a PPT member. Piping containment and valves are maintained in good repair. Two catch basin mats are maintained in the Shipping and Receiving area.

Chemical Storage Shed/1358 Employee Entrance

Acid are loaded/unloaded at the chemical storage shed. The door to the shed faces west, and there is a small ramp up into the shed. Containers are transported from the shed to the 1358 main process building either by use of a hand cart to the employee entrance door nearby on the south side of 1358, or with the use of a barrel truck to go around to the main chemical loading/unloading area on the north side of the building. The shed contains spill equipment.

1316 Loading/Unloading

All chemicals and materials used in this building are received through this overhead door on the west side of the building. Chemicals received include primarily paints and other small quantities of flammable liquids (Naphtha). Metals treated in this building are shipped and received through this door. Paint waste generated is shipped through this door. There is spill equipment inside this loading/unloading area.

Any Other Industrial Activity:

1316: Ventilation for Paint Booth, Milling, and Belt Oven

Paint Booth

The paint booth is located on the northwest half of the building, the exhaust discharging on the western side. Potential pollutants are paints and metals, but this operation is provided with a filter which should provide an adequate control measure if properly maintained, such that it is not a significant pollutant source.

Paint booth filters are changed as needed. Manufacturer's specifications will be followed for filter replacement to help reduce and prevent further staining on the roof. If particulates or contaminants are noted, corrective action will be taken.

Milling

Milling machines are located on the north side of the building, with a common exhaust from all three machines discharging on the east side of the building, on the northeast corner. Metals milled are primarily steel, titanium, aluminum and copper. A mesh screen is used at the ventilation intake on each machine. If metal particulates are observed in this exhaust area, additional control measures will be added to minimize this pollution source.

Belt Oven

Titanium and rubber are treated in an oven on the on the east side of this building, at about 200-250°F. This is considered a minor potential pollution source.

1358: Process Vents and Open Roof Vents

There are numerous vents on the roof from production areas, the lab, and QA/QC, as well as one in the Chemical Storage Area, which have the potential to emit pollutants. In addition, there are open ceiling vents in process areas. Some process area exhaust vents are directed to areas of the roof as shown in Attachment B.

Many chemicals and metals are used in plating processes which would be potential pollutant sources. Primary pollutants of concern which ventilate from these process areas include Lead, Copper Cyanide, Potassium Cyanide, Sodium Cyanide, Hydrochloric Acid, Nitric Acid, Nickel Chloride, and Palladium. Sulfuric Acid emissions are generated in the Waste treatment area.

Transformers

Eversource-owned transformers on-site are located at the southwest corner of the 1316 building, the northeast corner of 1358 building near tank storage, and the south side of the 1358 building. Transformers are on concrete pads.

Municipal Solid Waste (MSW)

A MSW dumpster is located at the southwest corner of 1316. The dumpster is in sound water-tight condition, and is kept closed while not being loaded/unloaded. A MSW compactor is located at the northeast corner of 1358.

Emergency Generator

An emergency generator is located on the east side of 1358. This generator is fueled by natural gas with a propane tank back-up. These gases would not contribute to stormwater pollution.

List of Potential Pollutants (or Pollutant Constituents from Industrial Activities)

Instructions: Identify a list of the potential pollutant(s) or pollutant constituents (e.g., crankcase oil, zinc, sulfuric acid, cleaning solvents) associated with each activity identified above that could be exposed to rainfall or snowmelt and could be discharged from the facility. The potential pollutant list must include all significant materials that have been handled, treated, stored, or disposed of, and that have been exposed to stormwater in the three years prior to the date the permittee prepares or amends their SWPPP.

See Attachment P – Summary of Pollutant Sources.

Method and Location of On-Site Storage or Disposal

Instructions: Document the method and location for storage or disposal of any raw materials, intermediate products, by-products, final products, and waste products used or created by the facility. This includes, but is not limited to, on-site storage or disposal of any waste material, or byproducts used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters; sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; etc. The permittee should list in this section any other waste permits issued by the Commissioner pursuant to Section 22a-430 or 22a-430b of the Connecticut General Statutes.

See Attachment P – Summary of Pollutant Sources.

5.2 Spills and Leaks

Instructions: Identify a list of spills and leaks of five (5) gallons or more of petroleum products, or of toxic or hazardous substances which could affect stormwater, as listed in section 22a-430-4 (Appendix B Tables II, III and V, and Appendix D) of the Regulations of Connecticut State Agencies, and 40 CFR 116.4, that occurred at the facility after the date of three years prior to the date of certification of the SWPPP. The permittee must also document where potential spills and leaks could occur that could contribute pollutants to stormwater discharges, and the corresponding outfall(s) that would be affected by such spills and leaks.

Note: This permit does not relieve the permittee of the reporting requirements of 40 CFR 110, 40 CFR 117, and 40 CFR 302 relating to spills or other releases of oils or hazardous substances.

Table #: Spills and Leaks	(Select One)	
	<input type="checkbox"/> Spill	<input type="checkbox"/> Leak
Date MM/DD/YY	Click or tap to enter a date.	
Location (see map)	Click or tap here to enter text.	
Type of Material	Click or tap here to enter text.	
Quantity	Click or tap here to enter text.	
Source	Click or tap here to enter text.	
Reason	Click or tap here to enter text.	
Response Procedures	Click or tap here to enter text.	
Additional Inventory Requirements by Sector (if applicable)	Click or tap here to enter text.	

*Repeat table if applicable

5.3 Areas of Site Where Potential Spills/Leaks Could Occur:

See Attachment P – Summary of Pollutant Sources.

5.4 Unauthorized Non-stormwater Discharges Evaluation

Instructions: Document that you have evaluated for the presence of unauthorized non-stormwater discharges (see the list of authorized non-stormwater discharges under this permit). Also include a non-stormwater discharge certification, signed by a Qualified Professional, as described in the IGP.	
Date of Evaluation:	3/19/2026
Description of Evaluation Criteria Used:	This evaluation was conducted during dry weather. The entire Site was evaluated visually, and site personnel were interviewed about possible non-stormwater discharges.
List of Discharge Points or Onsite Drainage Points Directly Observed During the Evaluation:	Catch basins CB-1, CB-2, CB-3 (DSN 001), and CB-4 (DSN 002) were observed. There was no sign of any dry weather flows, except for the brook that runs continuously through DSN 002.
List of Actions Taken to Address any Unauthorized Non-Stormwater Discharges:	N/A
Other Relevant Documentation	N/A

5.5 De-icing Material Storage

Instructions: Document the location of any storage piles containing de-icing materials (including pure salt, salt alternatives or either of these mixed with other materials) used for de-icing or other commercial or industrial purposes.	
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Material Type:	N/A
Location:	N/A
Storage Length:	N/A
Structure:	N/A

Section 6: Stormwater Control Measures and Relevant Procedures

6.1 List of Stormwater Control Measures and Details

Non-structural control measures

Instructions: Non-structural control measures described in the SWPPP may include the following (list not exclusive): materials management practices employed to minimize contact of materials with stormwater runoff; employee training, and all the elements of good housekeeping.			
Type of Control Measure	Persons or Positions responsible for maintenance/implementation	Schedules for maintaining/implementing the control measure	Specific items necessary to implement/maintain the control measure
Good Housekeeping Practices	Maintenance Department Supervisor	Ongoing	See <i>Good Housekeeping</i> subsection in Section 6.2 of this Plan
Preventive Maintenance	Maintenance Department Supervisor	Ongoing	See <i>Maintenance</i> subsection in Section 6.2 of this Plan
Spill Response Procedures	Maintenance Department Supervisor	Ongoing	Spill kits/spill cleanup supplies
Routine Inspections	Environmental & Safety Manager	Monthly	Inspection schedule and form
Employee Training	Environmental & Safety Manager	Annual Within ninety days of employment for new employees	Training program

Structural control measures

Instructions: Structural control measures described in the SWPPP may include the following (list not exclusive): grading, berms, curbing, baghouses, secondary containment, catch basins, as well as a description of any treatment the stormwater receives.			
Type of Control Measure	Persons or Positions responsible for maintenance/implementation	Schedules for maintaining/implementing the control measure	Specific items necessary to implement/maintain the control measure
Catch basins	Maintenance Department Supervisor	As needed	Maintenance Program
Roof drainage system	Maintenance Department Supervisor	As needed	Maintenance Program

Evaluation for Non-stormwater Discharges

Instructions: The permittee must describe the evaluation that the stormwater discharge(s) from the site consist only of stormwater, or of stormwater combined with wastewater authorized by an effective permit issued under section 22a-430 or section 22a-430b of the Connecticut General Statutes, including the provisions of this general permit, or of stormwater combined with any of the authorized non-stormwater discharges described in the IGP, provided they do not contribute to a violation of water quality standards.

See Section 5.6, Unauthorized Non-stormwater Discharges Evaluation, above.

Sector Specific Requirements

Instructions: The permittee must incorporate any sector-specific control measures pursuant to the IGP.

Type of Control Measure	Persons or Positions responsible for maintenance/ implementation	Schedules for maintaining/ implementing the control measure	Specific items necessary to implement/ maintain the control measure
Raw Steel Handling Storage: minimize the generation of and/or recover and properly manage scrap metals, fines, and iron dust.	N/A	N/A	N/A - No raw steel handling on site.
Paints and Painting Equipment: minimize exposure of paint and painting equipment to stormwater.	N/A	N/A	N/A - No paint or painting equipment is exposed to stormwater.
Metal Fabricating Areas: maintain clean, dry, orderly conditions in these areas. Use dry clean-up techniques where practicable.	N/A	N/A	N/A - No metal fabricating areas are exposed to stormwater.
Storage Areas for Raw Metal: keep these areas free of conditions that could cause, or impede appropriate and timely response to, spills or leakage of materials through implementation of control measures such as the following (list not exclusive): maintaining storage areas so that there is easy access in the event of a spill and labeling stored materials to aid in identifying spill contents.	N/A	N/A	N/A - No storage areas for raw metal are exposed to stormwater.
Metal Working Fluid Storage Areas: minimize the potential for stormwater contamination from storage areas for metal working fluids.	N/A	N/A	N/A - No metal working fluid storage areas are exposed to stormwater.
Cleaners and Rinse Water: control and clean up spills of solvents and other liquid cleaners, control sand buildup and disbursement from sandblasting operations, and prevent exposure of recyclable wastes. Substitute environmentally benign cleaners when possible.	N/A	N/A	N/A - No cleaners and rinse water are exposed to stormwater.

Type of Control Measure	Persons or Positions responsible for maintenance/ implementation	Schedules for maintaining/ implementing the control measure	Specific items necessary to implement/ maintain the control measure
Lubricating Oil and Hydraulic Fluid Operations: minimize the potential for stormwater contamination from lubricating oil and hydraulic fluid operations. Use monitoring equipment or other devices to detect and control leaks and overflows where feasible. Install perimeter controls such as dikes, curbs, grass filter strips, or equivalent measures where feasible.	N/A	N/A	N/A - No lubricating oil and hydraulic fluid operations are exposed to stormwater.
Chemical Storage Areas: minimize stormwater contamination and accidental spillage in chemical storage areas and include a program to inspect containers and identify proper disposal methods. Implement impermeable secondary containment in these areas in accordance with IGP Section 4.2.4 as required for both stationary and mobile liquid storage stations.	Maintenance Department Supervisor	As needed	See "Chemical Storage Shed" row in Attachment P table
Spills and Leaks: In the spill prevention and response procedures, pay attention to the following materials (at a minimum): chromium, toluene, pickle liquor, sulfuric acid, zinc and other water priority chemicals, and hazardous chemicals and wastes.	Maintenance Department Supervisor	As needed	See Attachment P table

6.2 Stormwater Control Measures Schedules and Procedures

Good Housekeeping

<p>Instructions: A schedule or convention used for determining when pickup and disposal of waste materials occur. Also, provide a schedule for routine inspections for leaks and conditions of drums, tanks, and containers.</p>	
Description of Activity	Schedule for Implementation
Sweep or vacuum at regular intervals or, alternatively, wash down the area and collect and/or treat, and properly dispose of the washwater.	Paved areas swept as needed.
Store materials in appropriate containers. Liquid materials require appropriate secondary containment and cover.	Ongoing
Minimize the potential for waste, garbage, and floatable debris to be discharged by keeping exposed areas free of such materials, or by intercepting them before they are discharged.	Ongoing
Ensure that all dumpsters, trash compactors, and roll-off containers used to store waste or recyclable materials are in sound, watertight condition and have covers and drain plugs intact, and are in roofed areas or in secondary containment areas that will prevent exposure to rainfall.	Ongoing
All covers on dumpsters not under a roof must be closed when dumpsters are not being loaded or unloaded.	Ongoing
Dumpsters, roll-offs, and similar large waste containers utilized for the dewatering of catch basin grit and aggregate or utilized for soil settling activities must be leak proof, have cover, and be placed on impervious surface.	Ongoing
Loading docks (excluding those that allow a vehicle to enter the building) must be protected with a permanent roof or other structure that protects the loading dock from direct rainfall.	Ongoing
Stormwater collection and drainage facilities adjacent to the loading dock must be designed and maintained in a way that prevents any materials spilled or released at the loading dock from discharging to the storm sewer system.	Ongoing
Drains located directly beneath the loading dock must be routinely inspected for the accumulation of sludge, sediment, grit, tailings, trash, and any other debris. Drains must be cleaned out when the depth of debris reaches half of depth of the drain.	Monthly inspection, cleaned out as needed
Eliminate or otherwise seal floor drains which are connected to a storm sewer system or if the connection is unknown. If a floor drain connects to the sanitary sewer system, AEP must provide that the discharge to the sanitary sewer system is in accordance with applicable state and local guidelines.	Initial and as needed
Identify roof areas that may be subject to drippage, dust or particulates from exhausts or vents or other sources of pollution. Inspect such areas to determine if any potential sources of stormwater pollution are present, and if so, minimize the sources or potential sources of pollution.	Initial and as needed. Roofs steam cleaned near vents as needed.

Spill Prevention and Response Procedures

Instructions: Procedures for preventing and responding to spills and leaks, including notification procedures. For preventing spills, include in the SWPPP the stormwater control measures for material handling and storage, and the procedures for preventing spills that can contaminate stormwater. Also specify cleanup equipment, procedures, and spill logs, as appropriate, in the event of spills. The permittee may reference the existence of other plans for Spill Prevention, Control, and Countermeasure (SPCC) developed for the facility under section 311 of the CWA or BMP programs otherwise required by a NPDES permit for the facility, provided a copy of that other plan is maintained onsite and made available for review consistent with the IGP.

Spill Response Procedures

In the event of a release or spill, AEP should follow the Spill Response Procedures provided in Attachment Q, excerpted from the Site's Emergency Response Plan. AEP employees are only authorized to respond to incidental releases as defined by the Occupational Safety and Health Administration (OSHA) in 29 Code of Federal Regulations (CFR) 1910.120. In the event of a non-incidental release, AEP will contact a spill contractor to mitigate the release.

For any spill, leak, release, or discharge of non-stormwater not authorized by the IGP or another permit, the PPT leader should report it to CT DEEP Emergency Response and Spill Prevention as soon as there is knowledge of the event by calling 860-424-3338 or 866-DEP-SPIL (866-337-7745, toll free), 24 hours/day. Signs with emergency contact information should be posted throughout the Site.

For any oil release that violates state water quality standards, causes a film or sheen on the water's surface, or leaves sludge or emulsion beneath the surface, the PPT Leader should report it to the EPA's National Response Center (NRC) at (800) 424-8802.

Under the IGP, Section 4.3.2.4(b), AEP is required to document any spills or leaks of five (5) gallons or more of petroleum products, or of toxic or hazardous substances that could affect stormwater. These will be documented in Section 5.2 of this SWPPP, Spills and Leaks, and should be maintained for the life of this Plan.

Sediment and Erosion Controls

Instructions: This permit does not authorize the discharge of waters containing polymers and/or other chemical treatments to the ground, storm sewer system, or any surface waters of the state. The SWPPP must describe any alternatives to polymers and/or other chemical treatments for erosion and sediment control in the SWPPP. Alternatives to chemical treatment can be determined through the selection, design, installation, and implementation of structural control measures in the Connecticut Stormwater Quality Manual.

Location on Site	Alternative Sediment and Erosion Controls in Use
N/A	N/A

Maintenance

Instructions: Preventative maintenance procedures, including regular inspections, testing, maintenance, and repair of all stormwater control measures to avoid situations that may result in leaks, spills, and other releases, and any back-up practices in place should a storm event resulting in a stormwater discharge occur while a control measure is off-line. The SWPPP must include the schedule or frequency for maintaining all control measures used to comply with the effluent limits in the IGP.

Type of Maintenance	Schedule or Frequency
Inspect and maintain stormwater management devices (e.g., cleaning stormwater treatment devices, catch basins) that could fail and result in contamination of stormwater.	Monthly inspection, maintenance as needed
Visual inspection, maintenance, and/or testing of on-site equipment and systems to identify conditions that could cause breakdowns or failures resulting in discharges of pollutants to stormwater.	Monthly inspection, maintenance as needed
Maintain non-structural control measures, such as keeping spill response supplies available, and ensuring that personnel are appropriately trained.	Ongoing
Clean catch basins when the depth of debris reaches half of the sump depth and keeping the debris surface at least six inches below the lowest outlet pipe.	Monthly inspection, maintenance as needed

Employee Training

Instructions: The elements of the employee training plan must include (at a minimum) all the requirements set forth in the IGP, and the following:

Content of Training	Frequency/Schedule of Training	Log of dates and attendance recorded/included in SWPPP?	
<ul style="list-style-type: none"> • An overview of what is in the SWPPP; • Spill response procedures, emergency equipment locations, good housekeeping, maintenance requirements, and material management practices; • The location of all controls on the site required by the IGP, and how they are to be maintained; • The proper procedures to follow with respect to the control measures on site; • When and how to conduct inspections, record applicable findings, and take corrective actions; • The Site’s emergency procedures; and, • Job position specific requirements as necessary 	Annual	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Same as above	Within 90 days of employment for new employees	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Include documentation

6.3 Stormwater Control Measures for Inactive and Unstaffed Sites

Instructions: The permittee must prepare the site for seasonal closures, planned shutdowns, furloughs, and other circumstances under which the site becomes inactive, as described in the IGP. Control measures may include seasonal storage of vehicles, equipment, and materials; protecting vehicles, equipment, and materials with storm-resistant coverings; shutdown and maintenance of earth-moving equipment; and stabilization of mine areas or mine preparation areas. In addition, inactive site controls must include staffing for, or management of, structural control measures that require continual operation and/or maintenance. The permittee must include in their SWPPP a certification statement as well as information to support this claim, as required by the IGP.

Type of Inactivity	Control Measures Planned/Implemented
N/A	N/A

[\[If Applicable\] Certification can be found on page #](#)

6.4 Stormwater Control Measures Documentation

Instructions: The SWPPP must contain the following types of documentation related to stormwater control measures:

Corrective Actions for SCMs that Could Not Meet Water Quality Standards:

[Insert Documentation Here]

Control Measures that were Never Designed, Installed, Implemented, or Maintained:

[Insert Documentation Here]

Maintenance and Repair of SCMs:

(including dates of regular maintenance, dates of discovery of areas in need of repair/replacement, dates that the control measures returned to full function after repairs, and justification for extended maintenance/repair schedules)

[Insert Documentation Here]

Any Changes or Updates to SCMs:

[Insert Documentation Here]

Certification Statement for Inactive or Unstaffed Sites:

[If Applicable] Certification can be found on page #

Any Additional Documentation Related to SCMs:

[Insert Documentation Here]

Section 7: Site Inspections, Visual Assessments, and Relevant Procedures

7.1 List of Inspected Areas

Instructions: List all areas of inspection in the SWPPP, including, but not limited to, the following:

Areas Where Industrial Materials or Activities are Exposed to Stormwater:

- Sludge Storage Shed
- Tank Storage
- Empty Plastic Drum Storage
- Chemical Storage Shed
- Metal Tubing Storage
- Wooden Pallets
- 1358 Shipping and Receiving
- 1358 Process Vents and Open Roof Vents
- 1316 Loading/Unloading
- 1316 Vents for Paint Booth Milling, Belt Oven

Areas Identified in the SWPPP that are Potential Pollutant Sources:

- Transformers
- MSW Compactor
- MSW Dumpster
- Emergency Generator

Areas Where Spills and Leaks have Occurred in the Past Three Years:

N/A

Discharge Points:

- DSN 001
- DSN 002

Control Measures:

N/A

Sector-Specific Inspections:

Per the IGP Section 8.27.6:

At a minimum, the permittee must include the following areas in all inspections: raw metal storage areas, finished product storage areas, material and chemical storage areas, spent solvents and chemical storage areas, recycling areas, loading and unloading areas, equipment storage areas, paint areas, drainage from roof and vehicle fueling and maintenance areas. Potential pollutants include chromium, zinc, lubricating oil, solvents, aluminum, oil and grease, methyl ethyl ketone, steel, and related materials.

7.2 Inspection Details

Instructions: For each type of inspection, the SWPPP must describe, at a minimum, the following details:

Type of Inspection	Person/Position Responsible	Schedule of Inspections	Specific Items Covered
Monthly Routine Facility Inspections	Environmental & Safety Manager	Monthly	See <i>List of Inspected Areas</i> on previous page
Quarterly Visual Assessment of Stormwater Discharges	Environmental & Safety Manager	Quarterly	DSN 001 DSN 002
Semiannual Comprehensive Facility Inspections	Environmental & Safety Manager	Semiannually	See <i>Inspection Schedules and Procedures</i> on next page

7.3 Inspection Schedules and Procedures

Instructions: The permittee must document in their SWPPP procedures for performing the types of inspections specified by this permit, which must include:

Monthly Routine Facility Inspections:

The Site shall complete the required routine inspections on a monthly basis. At least one routine inspection per calendar year must be conducted while a stormwater discharge is occurring. A Monthly Inspection Form is provided as Attachment E to facilitate and document the completion of the inspections.

During normal operating hours, AEP must conduct inspections of areas covered by the requirements in the IGP, including, but not limited to, the following:

- Areas where industrial materials or activities are exposed to stormwater;
- Areas identified in this Plan that are potential pollutant sources;
- Areas where spills and leaks have occurred in the past three years; and,
- Stormwater discharge points.

Copies of the completed inspection forms should be maintained in Section 7.5 of this SWPPP, Inspection Documentation, for a period of no less than five (5) years after the date that coverage under the IGP expires or is terminated.

Quarterly Visual Assessment of Stormwater Discharges:

The following sampling procedures must be followed during the Quarterly Visual Assessment of Stormwater Discharges:

- Samples can only be collected from discharges resulting from a storm event that occurs at least 72 hours after the last previous storm event generating a stormwater discharge from the Site.
- For sites that discharge through a detention basin or other stormwater management structure, the sample must be taken at the discharge from the basin or structure.
- Grab samples shall be used for all monitoring and shall not be commingled or combined with other waste streams.
- Collection of grab samples must begin within the first 30 minutes of stormwater being discharged at the sampling location and must be completed as soon as possible. If it is not possible to collect the sample within the first 30 minutes of a qualifying storm event, the sample must be collected as soon as it is feasible to do so after the first 30 minutes and the reason for the delay must be documented on the sampling form and in Section 4.8 of this SWPPP, Monitoring Program Documentation, under Deviations from Monitoring Schedule.
- Samples must be collected at the designated outfalls or at the nearest feasible location representative of the discharge.
- All samples for a monitoring event must be taken during the same storm event, if feasible.

Once each quarter for the entire permit term, AEP must collect stormwater discharge samples from the sample locations designated in Section 7.2 of this Plan and conduct a visual assessment for specific water quality characteristics. For monitoring purposes, the quarters begin on January 1st, April 1st, July 1st, and October 1st. If the Site is subject to snowfall during one or more of these quarters, at least one quarterly visual assessment must capture snowmelt discharge if feasible and the corresponding form should be annotated to indicate this.

The visual assessment must be made as soon as possible after collecting the sample, with the sample in a clean, colorless glass or plastic container and in a well-lit area. During the assessment, the sample must be qualitatively evaluated for the following water quality characteristics:

- Color;
- Odor;
- Clarity (diminished);
- Floating solids;
- Settled solids;
- Suspended solids;
- Foam;

- Oil sheen; and,
- Other obvious indicators of stormwater pollution.

A Visual Assessment Template is included as Attachment F. This form can be used to document the results of each visual assessment event. If unsatisfactory water quality characteristics are observed during a visual assessment, this may indicate that the stormwater pollution control measures at the Site are inadequate or are not being properly implemented or maintained. After an unsatisfactory assessment, AEP must review and revise this Plan as appropriate, following the corrective action schedule in the IGP. A monitoring remedial action log is also included in Attachment F. This form should be used to document any corrective actions or changes in control measures completed as result of an unsatisfactory visual assessment.

If AEP is unable to collect a visual assessment sample during an entire sampling quarter, the circumstances pertaining to this must be documented and the documentation must be maintained in Section 4.8 of this SWPPP, Monitoring Program Documentation, under *Deviations from Monitoring Schedule*.

Semiannual Comprehensive Facility Inspections:

Comprehensive Site Compliance Evaluations must be performed at the Site on a semiannual basis (twice per year). These evaluations should be conducted during a rainfall event if possible. They should consist of a documentation review, interviews with Site personnel, and a visual inspection of the Site. A Semi-Annual Comprehensive Inspection Template is provided as Attachment D. During normal operating hours, AEP must conduct inspections of areas of the Site covered by the requirements in the IGP, including, but not limited to, the following:

- Drainage areas;
- Buildings, structures, permanent cover, and impervious area;
- Structural control measures;
- Non-structural stormwater control measures;
- Stormwater Management Systems;
- Stormwater discharge points (include all substantially identical discharge points (SIDPs);
- Areas where industrial materials or activities are exposed to stormwater;
- Industrial materials storage areas;
- Materials handling activities areas;
- Other areas where industrial activity has taken place;
- Areas identified in the SWPPP and those that are potential pollutant sources;
- Spill prevention and response procedures (e.g., presence of spill kits and dry clean-up methods); and,
- Resilience measures.

Completed forms must be maintained in Section 7.5 of this SWPPP, Inspection Documentation, for a period of no less than five (5) years after the date that coverage under the IGP expires or is terminated.

Upon completion of each inspection or assessment, the forms should be reviewed by the PPT leader to identify observations or unsatisfactory conditions that require remedial action. The PPT leader is responsible for ensuring that appropriate actions are taken to remedy unsatisfactory conditions in a timely manner. Any corrective actions taken should also be recorded on the inspection forms.

7.4 Inspections for Inactive and Unstaffed Facilities

Instructions: If a permittee is invoking the exception for inactive and unstaffed facilities relating to routine facility inspections and quarterly visual assessments, the permittee must include in their SWPPP a certification statement as well as information to support this claim as required by the IGP.

Certification

[\[If Applicable\] Certification can be found on page #](#)

Information to Support the Claim:

[Click or tap here to enter text.](#)

N/A

7.5 Inspection Documentation

Instructions: This section of the SWPPP must contain all inspection reports, including the monthly routine facility inspection reports, quarterly visual assessments, and semi-annual comprehensive site inspections as required in the IGP.

[\[Insert all Documentation Here\]](#)

Section 8: Resilience Measures

Instructions: Implementing structural improvements, enhanced/resilient pollution prevention measures, and other mitigation measures can help to minimize impacts from stormwater discharges from major storm events such as hurricanes, storm surge, extreme/heavy precipitation, and flood events. If such SCMs are already in place due to existing requirements mandated by other state, local or federal agencies, the permittee should document in their SWPPP a brief description of the controls and a reference to the existing requirement(s). A list of SCMs that may be considered can be found in the IGP.

This subsection requires that the permittee must consider the requirements outlined in the IGP when selecting and designing control measures to minimize pollutant discharges via stormwater. This subsection does not require nor prescribe specific SCMs to be implemented; however, the permittee must document in their SWPPP the considerations made to select and design control measures at their facility to minimize pollutants discharged via stormwater.

Location on Site	Control Measure	Existing Requirements	Considerations
Chemical/waste storage areas	Plan for flood conditions	N/A	See Section 5.3 (Floods) of Attachment Q, excerpted from the Site’s Emergency Response Plan.

Section 9: Future Construction

Instructions: Any construction activity that disturbs greater than one acre must be conducted in accordance with the Construction Stormwater General Permit. All construction activities, regardless of size, shall comply with the 2024 Connecticut Guidelines for Soil Erosion and Sediment Control during construction and the 2024 Connecticut Stormwater Quality Manual for the design and implementation of postconstruction stormwater management measures. In addition, the permittee shall avoid, wherever possible, the use of copper or galvanized roofing or building materials for any new building construction where these materials will be exposed to stormwater. Permittees must notify the Commissioner of changes to the number or location of discharge points, which may require monitoring to be restarted and/or the SWPPP to be revised per the IGP. If significant changes are made to the site or to the SWPPP in accordance with the IGP, the SWPPP must be re-certified. Provide the site's plans for future construction below:

AEP has no current plans for future construction. If this changes in the future, AEP will follow the requirements above.

Section 10: Additional Documentation

Instructions: The permittee is also required to keep in the SWPPP the following documentation:

- any other documentation as required in sector-specific requirements in the IGP;
- a copy of the registration submitted to DEEP, along with any correspondence exchanged between the permittee and DEEP specific to coverage under this permit;
- a copy of the Authorization Letter the permittee receives from DEEP assigning a permit number (this letter will be sent by email after the NOI is approved);
- documentation regarding Coastal Consistency Review (if applicable during registration);
- documentation regarding Natural Diversity Data Base (if applicable during registration);
- documentation regarding Conservation or Preservation Restriction Information (if applicable during registration);
- any other documentation regarding corrective action as required by the IGP; and
- a copy of the permit (an electronic copy easily available to SWPPP personnel is also acceptable)

Some of the following documentation is not required to be submitted during registration. Each document section outlines whether it is required for registration or if it is required only when applicable.



General Permit Registration Form for the Discharge of
Stormwater Associated with Industrial Activity

Part I: Registration Types

Registration Types	
<input checked="" type="checkbox"/>	<p>New Registration</p> <p>Are you on a site where industrial activity has been previously located? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Are you proposing a new industrial activity on a site where industrial activity has not been previously located? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<input type="checkbox"/>	<p>Replacement of NPDES</p> <p>If selected, please provide on the line below permit #'s for the previously authorized discharge(s) _____</p>

Part II: Fee Information

A fee of \$312.50 applies to:
Municipalities (50% discount of \$625 fee per CGS 22a-6)

A fee of \$625.00 applies to:
Companies that employ fewer than fifty (50) employees statewide (excluding seasonal employees employed no more than 120 days in a year) **or** have gross annual sales of less than five (5) million dollars.
Federal or state operated industrial activities.

A fee of \$1,250.00 applies to:
Companies that employ fifty (50) or more employees statewide (excluding seasonal employees employed no more than 120 days in a year) **and** have gross annual sales of greater than five (5) million dollars.

The registration will not be processed without the fee. The registration fee is non-refundable and shall be paid by check or money order payable to the Department of Energy and Environmental Protection.

Part III: Registrant Information

1. Registrant /Client Name: American Electro Products, LLC
Registrant Type: Registrant
Secretary of the State business ID #: _____
Mailing Address: 1358 Thomaston Ave
City/Town: Waterbury State: CT Zip Code: 06704
Business Phone: (203) 756-7051 ext.: _____
Example:(xxx) xxx-xxxx
Contact Person: Shpresa Biba Title : Environmental & Safety Mgr
E-Mail: sbiba@americanelectro.com
Additional Phone Number (if applicable): _____ ext. _____

2. Verify that the Registrant is the **operator** of the proposed activity: Yes

Part III: Registrant Information (continued)

3. Billing Contact

Contact Person: Shpresa Biba Title: Environmental & Safety Mgr

Mailing Address: 1358 Thomaston Ave

City/Town: Waterbury State: CT Zip Code: 06704

Business Phone: (203) 756-7051 ext. _____

Email: sbiba@americanelectro.com

4a. Primary contact for departmental correspondence and inquiries.

Contact Person: Shpresa Biba Title: Environmental & Safety Mgr

Mailing Address: 1358 Thomaston Ave

City/Town: Waterbury State: CT Zip Code: 06704

Business Phone: (203) 756-7051 ext. _____

Email: sbiba@americanelectro.com

4b. Site contact if registrant is out of state.

Not applicable

Contact Person: Shpresa Biba Title: Environmental & Safety Mgr

Mailing Address: 1358 Thomaston Ave

City/Town: Waterbury State: CT Zip Code: 06704

Business Phone: (203) 756-7051 ext. _____

Email: sbiba@americanelectro.com

5. List engineering consultant, attorney or other representative employed or retained to assist in preparing the registration or maintaining permit compliance.

Consultant/Firm Name: LOUREIRO ENGINEERING ASSOC Consultant Type: Environmental Consultant

Contact Person: June Arriens Title: Project Scientist

Mailing Address: 100 NORTHWEST DR

City/Town: PLAINVILLE State: CT Zip Code: 06062

Business Phone: (860) 747-6181 ext. _____

Email: jvarriens@loureiro.com

Secretary of the State business ID #: 0583621

6. Select the ownership type of the facility. Corporation

Part IV: Site Information

1.

Site Name: AMERICAN ELECTRO PRODUCTS, INC.

Street Address or Location Description: 1358 Thomaston Ave

City/Town: Waterbury

State: CT

Zip Code: 06704

2. Primary Sector: AA - Fabricated Metal Products

Primary SIC Code: 3471 - Electroplating, Plating, Polishing, Anodizing, and Coloring

Primary NAICS Code: 332813 - Electroplating, Plating, Polishing, Anodizing, and Coloring

2.a Is there a Co-Located Sector? Yes No

3. a. Are you proposing to authorize a stormwater discharge from a **new** road salt de-icing materials storage facilities at the site in question? Yes No

Note: If "**yes**", proceed to 3b. If "**no**", proceed to question 4.

b. Is the site within 250 feet of a well utilized for potable drinking water supply or within a Level A aquifer protection area as defined by mapping pursuant to Section 22a-354c of the Connecticut General Statutes? Yes No NA

Note: If you answered "**yes**" to both the questions 3a and 3b, you are **NOT** eligible to register under this permit. Contact DEEP.StormwaterStaff@ct.gov for further guidance.

4. Is there an existing road salt or deicing materials storage unit that is or will be in place for more than 180 days a year at the site? Yes No

5. a. Is there exposure or the potential for exposure of your stormwater to mercury? Yes No

b. Is there exposure or the potential for exposure of your stormwater discharge to Polychlorinated biphenyls (PCBs)? Yes No

6. **INDIAN LANDS:**

a. Does the facility discharge to federally recognized Indian Country Lands? Yes No

Note: If you answered "**yes**" to question 6a, you are **NOT** eligible to register under this permit. Contact DEEP.StormwaterStaff@ct.gov for further guidance.

Part IV: Sector Related Additional Questions

If you selected either your Primary Regulated Sector or Co-Located Sector as **"A"**

1. Does this discharge point receive discharge resulting from spray down or intentional wetting of logs at wet deck storage areas? Yes No NA

If you selected either your Primary Regulated Sector or Co-Located Sector as **"J"**

1. Does this discharge point receive mine dewatering discharges from crushed stone mines, construction sand and gravel mines, or industrial sand mines? Yes No NA

If you selected your Primary Regulated Sector as **"A"**

1. Does your facility manufacture, use, or store creosote or creosote-treated wood in areas that are exposed to precipitation? Yes No NA

If you selected your Primary Regulated Sector as **"J"**

1. Does your facility conduct blasting? Yes No NA

If you selected your Primary Regulated Sector as **"S"**

1. Does the facility conduct aircraft de-icing utilizing area? Yes No NA
2. Does the facility conduct aircraft de-icing utilizing ethylene glycol? Yes No NA
3. Does the facility conduct aircraft de-icing utilizing propylene glycol? Yes No NA

If you selected your Primary Regulated Sector as **"AF"**

1. Does the facility store solid de-icing materials, even in small quantities? Yes No NA
2. Is the facility used exclusively for solid de-icing material storage (e.g., a satellite station)? Yes No NA
3. Are vehicle repair or maintenance activities conducted on-site at the facility? Yes No NA

Part IV: Site Information (continued)

7. COASTAL BOUNDARY:

The site is located in a coastal boundary.

Yes No

8. ENDANGERED OR THREATENED SPECIES:

The site is located in an area identified as a habitat for endangered, threatened or special concern species.

Yes No

NDDB Determination number: _____

9. AQUIFER PROTECTION AREAS:

The site is within a level A aquifer protection area.

Yes No

10. CONSERVATION OR PRESERVATION RESTRICTION:

Is the property subject to a conservation or preservation restriction?

Yes No

Part V: Stormwater Discharge Information

Table 1

1. Identify the type, material, size and location of conveyances, outfalls, or channelized flows that convey your discharges:							
Outfall #	a) Type	b) Pipe Material	c) Pipe Size	d)		e) What method was used to obtain your latitude /longitude information?	f) Is Substantially Identical to another outfall?
				Longitude (-xx.xxxxxx)	Latitude (xx.xxxxxx)		
001	Other Catch basin	Select One	Select One	-73.048735	41.585406	ezFile Portal Map	No
002	Other Catch basin	Select One	Select One	-73.048620	41.584558	ezFile Portal Map	No
	Select One	Select One	Select One			Select One	
	Select One	Select One	Select One			Select One	
	Select One	Select One	Select One			Select One	

Part V: Stormwater Discharge Information (continued)

Table 2

2. Provide the following information about the receiving water(s)/wetland(s) that receive stormwater runoff from your site, either directly or through the Municipal Separate Storm Sewer System (MS4):				
Outfall #	a) To what system or receiving water does your stormwater runoff discharge? either "Surface Waterbody" or "Wetland" or "Publicly or privately owned".(If you select Wetland or Publicly or privately owned, columns c.1&2 of this table are not required to be completed)	b) What is your watershed ID (freshwater) or 305b ID (estuary)?	c.1) Is your receiving water identified as an impaired water?	If you answered yes to question c.1, then answer the question below.
				c.2) Has any Total Maximum Daily Load (TMDL) been approved for your receiving waterbody?
001	Publicly or privately owned stormwater conveyance system Waterbury MS4		<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
002	Surface Waterbody (i.e. stream, brook, river etc.)		<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
	Select One		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
	Select One		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
	Select One		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA

3. TMDL Records:										
Outfall #	Name	Year	Name	Year	Name	Year	Name	Year	Name	Year
001										
002										

Part VI: Pollution Prevention Plan Availability

All applicants must submit a completed and approvable Stormwater Pollution Prevention Plan (SWPPP).

Part VII: Confidential Information in the Pollution Prevention Plan

If the registrant claims that certain elements of the Plan constitute a trade secret or are otherwise exempt from the disclosure requirements of the state Freedom of Information Act (FOIA), they shall follow the procedure below regarding information subject to FOIA requirements.

Does your plan withhold certain confidential information from the public?

Yes No

Please see directions below regarding withholding information.

Instructions for plan confidentiality:

Under the Connecticut Freedom of Information Act (FOIA), a Registrant may have reason to withhold from public disclosure certain information in a plan or document prepared and maintained pursuant to a requirement of the general permit. Such information in a plan or document may be redacted provided the Registrant makes specific notation on the registration form filed with the Department: (1) that such claim is being made with a brief explanation of the type of information being withheld or redacted and the reason(s) therefore; and (2) of the location within the plan or document where such information has been redacted review either or removed. A plan or document that is being made available for public on a website or provided directly to a member of the public as a hardcopy may be in its redacted form. However, when the Department requests such plan or document be submitted for Department review, the Department will require that it be submitted in its unredacted form, in which case the Registrant must specify the information within such plan or document that is claimed to be confidential with the specific notations described above. The Department will not release any such information to the public which the Registrant claims must be withheld unless a determination has been made by the Department and any subsequent appeal of such determination filed with the Connecticut Freedom of Information Commission results in a determination that such information shall not be withheld from the public. If the Registrant seeks a determination regarding such claim of confidentiality from the Connecticut Freedom of Information Commission without obtaining a prior determination from the Department, the Registrant shall notify the Department in writing of such pending determination, at which time the Department will not release such information to the public unless otherwise determined by the Connecticut Freedom of Information Commission.

Part VIII: Registrant Certification

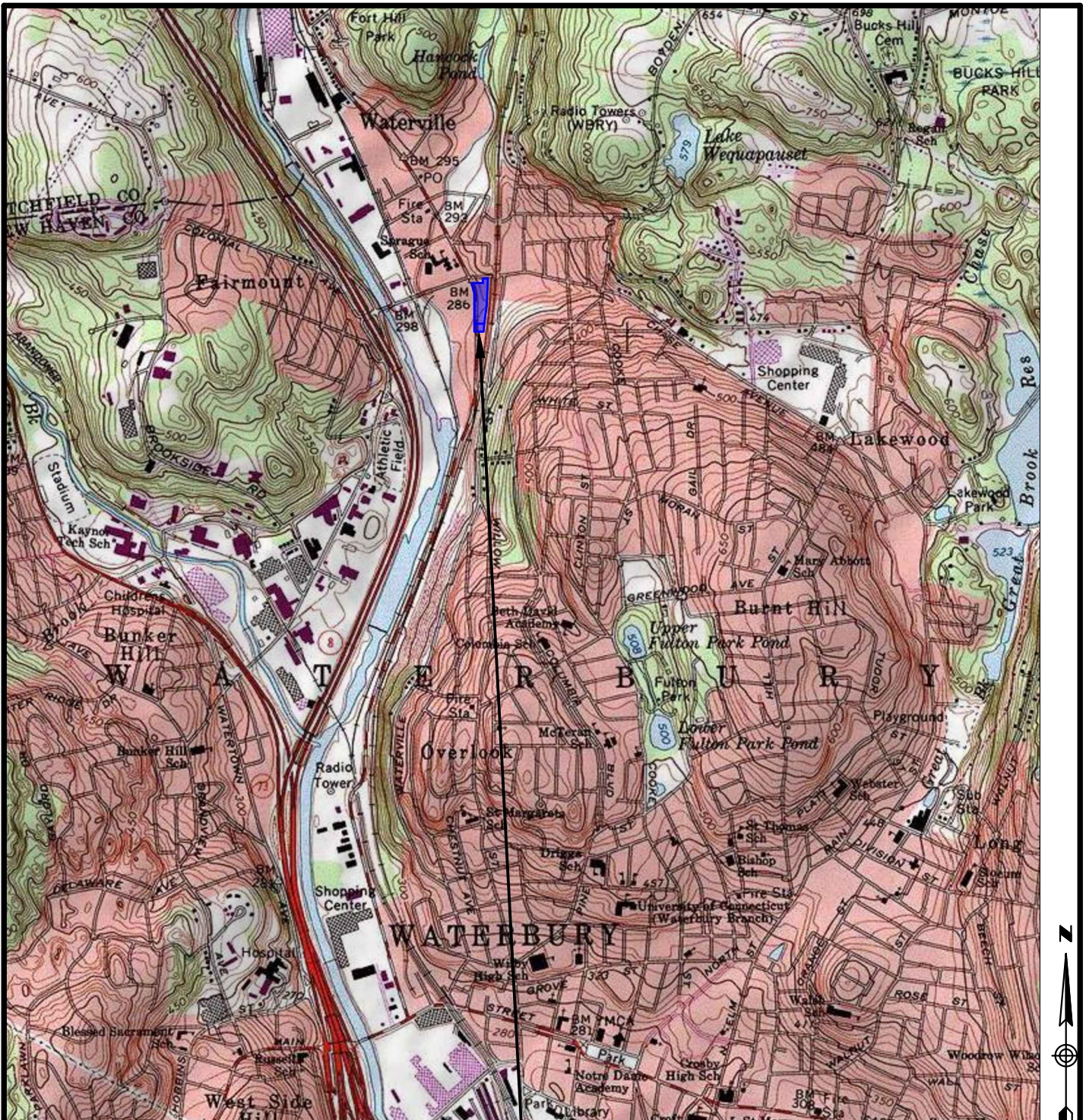
The registrant *and* the individual(s) responsible for actually preparing the registration must sign this part. A registration will be considered incomplete unless all required signatures are provided.

<p>"I hereby certify that I am making this certification in connection with a registration under the General Permit for the Discharge of Stormwater Associated with Industrial Activity, submitted to the Commissioner for an activity located on this application and that all terms and conditions of the general permit are being met for all discharges which have been created, initiated, or maintained, and such activity is eligible for authorization under such permit. I further certify that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 2.2.16.1 of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I certify that I have made an affirmative determination in accordance with Section 2.2.16.2 of this general permit. I understand that the registration filed in connection with such general permit is submitted in accordance with and shall comply with the requirements of Section 22a-430b of Conn. Gen. Stat. I also understand that knowingly making any false statement in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Conn. Gen. Stat., and any other applicable law."</p>	
<p> </p>	
<p>Signature of Registrant and Date</p>	
<p>Shpresa Biba</p>	<p>Environmental & Safety Mgr</p>
<p>Name of Registrant (print or type)</p>	<p>Title (if applicable)</p>
<p> </p>	
<p>Signature of Preparer and Date</p>	
<p> </p>	
<p>Name of Preparer (print or type)</p>	<p>Title (if applicable)</p>
<p> </p>	

Attachment A - General Location Maps

Instructions: Provide sufficient maps, ie. a general location map and U.S. Geological Survey (USGS) quadrangle map) with enough detail to identify the location of the facility and all receiving waters to which stormwater discharges.

This Attachment IS REQUIRED for registration.



MAP REFERENCE:

SECTION OF THE USGS 7.5 MINUTE SERIES TOPOGRAPHIC MAP FOR WATERBURY, CT MAP VERSION DATE 1984. MAP CREATED WITH TOPO! © 2006 NATIONAL GEOGRAPHIC.

SITE LOCATION



APPROXIMATE SCALE IN FEET



Loureiro Engineering Associates, Inc.
 100 Northwest Drive • Plainville, Connecticut 06062
 Phone: 860-747-6181 • Fax: 860-747-8822
 An Employee Owned Company • www.Loureiro.com

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SITE LOCATION MAP

SWPPP

1316 & 1358 THOMASTON AV, WATERBURY, CONNECTICUT

PREPARED FOR:

AMERICAN ELECTRO PRODUCTS

1316 & 1358 THOMASTON AV, WATERBURY, CONNECTICUT

SCALE

1" = 2000'

COMM. NO.

01AE503

DATE

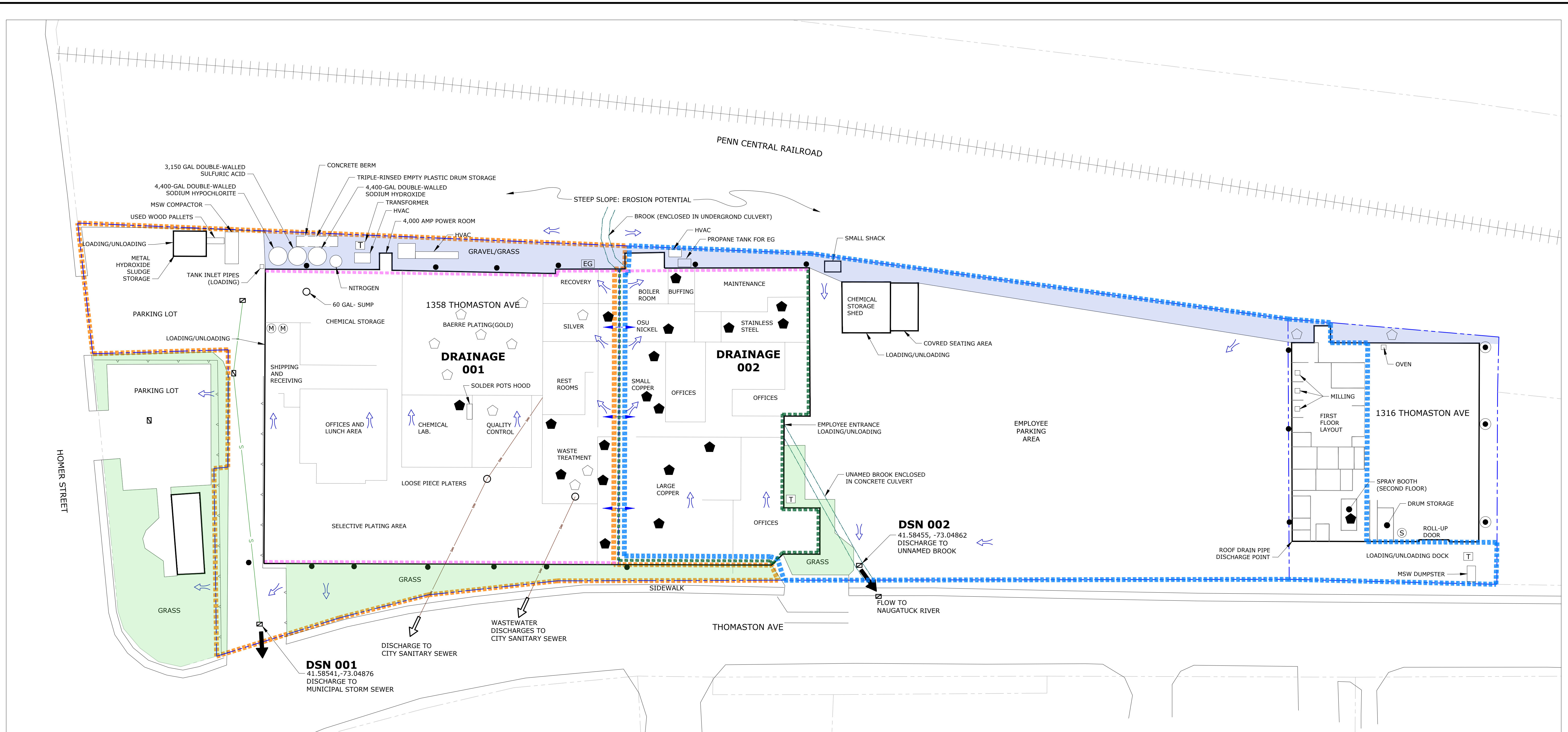
03/27/2026

FIGURE 1

Attachment B - Site Maps

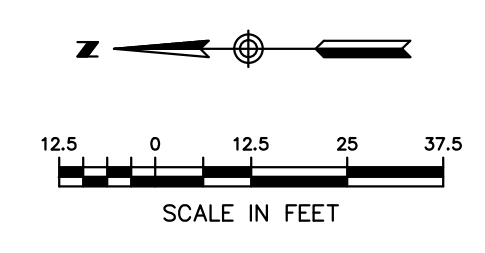
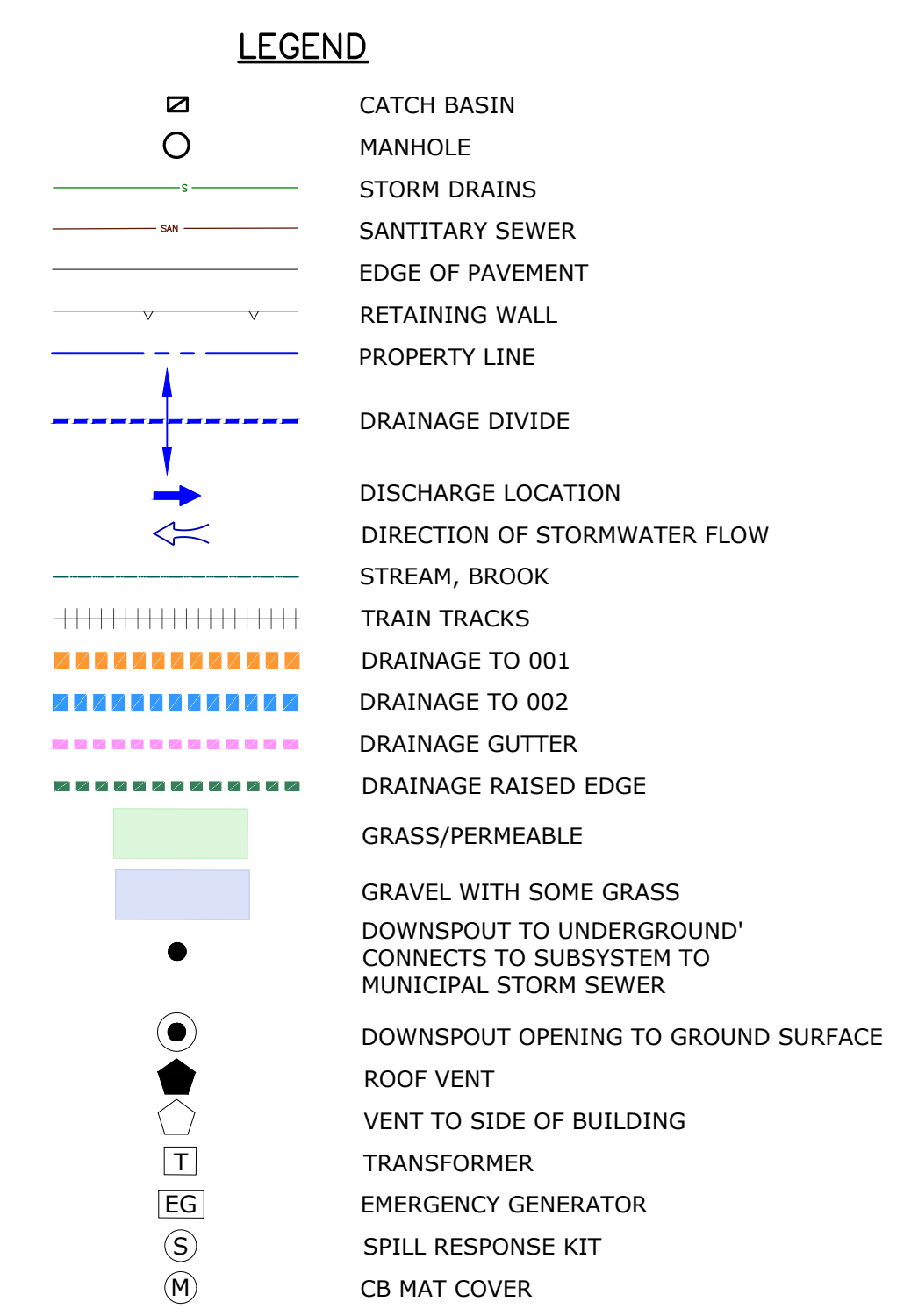
Instructions: The SWPPP must describe the industrial activities, materials employed, and physical features of the facility that may contribute significant amounts of pollutants in stormwater discharges. To improve the readability of the map, some detailed information may be kept as an attachment to the site map, and pictures may be included, as deemed appropriate. A detailed site description and site map will assist operators in identifying issues and setting priorities for the selection, design, and implementation of measures taken to meet effluent limits, and in identifying potential changes in materials, materials management practices, or site features. The site map is also vital for executing proper inspections. All required elements of the site map are listed in the IGP.

This Attachment IS REQUIRED for registration.



DRAINAGE AREA TABLE

Drainage Area	pervious sq ft	impervious sq ft	percent impervious	runoff coefficient
Area 001	6,631	37,388	84.936	0.814
Area 002	4,899	54,547	91.758	0.876



SWPPP

SITE PLAN AND SWPP PLAN
 1316 & 1358 THOMASTON AV., WATERBURY, CONNECTICUT
AMERICAN ELECTRO PRODUCTS
 1316 & 1358 THOMASTON AV., WATERBURY, CONNECTICUT

DATE: 03/31/2026
 DRAWN BY: A.C.L.
 APPROVED BY: J.S.

SCALE: 1" = 25'

CONV. NO. 01AE503

DATE: 03/31/2026
 DRAWN BY: J.S.
 APPROVED BY: J.S.

DESCRIPTION OF REVISION

REV. DATE

APPR.

DRAWING NO. 1

SHEET NO. NO. OF SHEETS

V:\CT\WATERBURY\THOMASTON AVE-1358\SWPPP\UPDATE 2026\DWG\01AE503-SITE SWPPP.DWG (JOB: D:\SWPPP\01AE503-SITE SWPPP.DWG) (DATE: 03/31/2026 2:35:04 PM)

Attachment C – Sector-Specific Documentation

Instructions: The SWPPP must contain any Sector-Specific Documentation. At a minimum, this should include the Sector Specific Monitoring Form.

For a table of Sector AA monitoring requirements, see Section 4.5 of this Plan.

[\[Insert documentation here\]](#)

Attachment D – Semi-Annual Comprehensive Inspection Template

Instructions: The SWPPP must contain the permittee-created Semi-Annual Comprehensive Inspection Template. This template should be used each time you perform a Semi-Annual Comprehensive Inspection. Ensure that the template complies with of the IGP.

AMERICAN ELECTRO PRODUCTS, LLC.
Waterbury, Connecticut
Semi-Annual Comprehensive Compliance Evaluation Form

Instructions: This Semi-Annual Comprehensive Compliance Evaluation Form must be completed by, or along with, a Pollution Prevention Team (PPT) Member. If remedial action(s) are required, the issue(s) must also be noted in the Remedial Action Log. This Form should be filed in Section 7.5, Inspection Documentation, in the Stormwater Pollution Prevention Plan (SWPPP).

While completing this form, please review, at minimum, the following items:

- SWPPP including, but not limited to, items such as best management practices (BMPs), control measures, spill response equipment, etc.;
- Site Map;
- Monthly Inspection Forms;
- Quarterly Visual Assessment Reports;
- Discharge Monitoring Reports (DMRs); and,
- Preventive Maintenance (PM) Records.

Name, Title, Signature of Inspector: _____

Date, Time: _____

Weather Conditions: _____

Name, Title, Signature of PPT Member: _____

Date of the Last Semi-Annual Comprehensive Compliance Evaluation: _____

Documentation Review		
Evaluation Criteria	Responses, Observations, and/or Comments	Is Remedial Action Required? (Yes/No)
Are the names and telephone numbers of the PPT Members listed in Section 2 of the SWPPP up-to-date and accurate?		
Have there been any changes to the outside of the facility since the last semi-annual evaluation that could affect stormwater? Review Section 5 of the SWPPP to verify that the potential pollutant sources listed are accurate compared to current conditions. <ul style="list-style-type: none"> • Have any new potential pollutant sources been added or removed? • If sources have been added, do the new sources add non-stormwater discharges to stormwater (e.g. vehicle wash-waters, boiler blowdown, sanitary wastes)? • Does the Site Plan need to be updated as a result of the aforementioned update(s)? 		
Were there any spills or leaks since the last semi-annual evaluation that impacted stormwater? <ul style="list-style-type: none"> • If so, were the spills or leaks documented in Section 5.2 of the SWPPP? 		

AMERICAN ELECTRO PRODUCTS, LLC.

Waterbury, Connecticut

Semi-Annual Comprehensive Compliance Evaluation Form

Documentation Review		
Evaluation Criteria	Responses, Observations, and/or Comments	Is Remedial Action Required? (Yes/No)
<p>Have the PM activities outlined in the SWPPP (i.e. catch basin cleaning, equipment maintenance, etc.) been performed at the specified frequencies?</p> <ul style="list-style-type: none"> • Were maintenance records retained in the location specified in the SWPPP? 		
<p>Review the Monthly Inspection Forms that were completed since the date of the last Semi-Annual Comprehensive Compliance Evaluation.</p> <ul style="list-style-type: none"> • Are the completed Monthly Inspection Forms filed in Section 7.5 of the SWPPP? • Were any unsatisfactory conditions corrected and was documentation retained to demonstrate this? 		
<p>Were Quarterly Visual Monitoring Forms completed during each quarter since the date of the last Semi-Annual Comprehensive Compliance Evaluation?</p> <ul style="list-style-type: none"> • Are the completed Quarterly Visual Assessment Forms filed in Section 7.5 of the SWPPP? • Were any unsatisfactory conditions corrected and was documentation retained to demonstrate this? 		
<p>Were semiannual stormwater samples collected during the last monitoring period?</p> <ul style="list-style-type: none"> • If so, were monitoring results submitted to the Connecticut Department of Energy and Environmental Protection (CT DEEP) within 90 days of sampling? • Were there any benchmark exceedances? • If so, were corrective actions taken and was documentation retained to demonstrate this? 		
<p>Are there any issues that were identified in the previous Semi-Annual Comprehensive Compliance Evaluation that have not been addressed?</p>		
<p>Review stormwater training records.</p> <ul style="list-style-type: none"> • Has annual training been performed? <ul style="list-style-type: none"> ○ If yes, document the date(s). • Have newly hired employees been provided with stormwater training within 90 days of beginning a position that involves activities that could potentially affect stormwater? 		

AMERICAN ELECTRO PRODUCTS, LLC.

Waterbury, Connecticut

Semi-Annual Comprehensive Compliance Evaluation Form

Site Inspection		
Evaluation Criteria	Responses, Observations, and Comments	Is Remedial Action Required? (Yes/No)
<p><i>Interior Facility Walk-Through:</i> Inspect interior material and chemical storage areas including raw, intermediate, final, and waste materials that have the potential to be released outside of the confines of the facility and come in contact with stormwater.</p>		
<p><i>Roof Inspection:</i> Inspect the roof for signs of contamination, discoloration, etc. as well as sediment build-up in gutters, roof drains, downspouts, etc.</p>		
<p>Make a visual inspection of material handling areas, material storage areas, and other potential sources of pollution identified in the SWPPP for evidence of, or the potential for, pollutants entering the stormwater drainage system.</p>		
<p>Determine whether structural stormwater management measures, erosion control measures, control measures and other structural pollution prevention measures identified in the SWPPP are implemented and maintained properly.</p>		
<p>Inspect all outfalls. Describe any discharges occurring at the time of the inspection.</p>		

AMERICAN ELECTRO PRODUCTS, LLC.
 Waterbury, Connecticut
Semi-Annual Comprehensive Compliance Evaluation Form
Remedial Action Log

Instructions:

After completion of the Semi-Annual Comprehensive Compliance Evaluation Form, if any unsatisfactory condition(s) were observed, they shall be documented on this Remedial Action Log along with the corresponding remedial actions. This Log should be filed in Section 7.5 of the Stormwater Pollution Prevention Plan (SWPPP).

Date of Evaluation	Category	Description of Unsatisfactory Condition(s)	Remedial Action(s)		
			Description	Completion Date	Completed By



Attachment E – Routine Inspection Template

Instructions: The SWPPP must contain the permittee-created Routine Inspection Template. This template should be used each time you perform a Routine Inspection. Ensure that the template complies with the IGP.

AMERICAN ELECTRO PRODUCTS, LLC.
Waterbury, Connecticut
Monthly Inspection Form

Date, Time: _____

Weather Conditions*: _____

Inspector's Name(s). Note which Inspector(s) are Pollution Prevention Team Members:

Inspector's Signature(s):

Check the following items that were inspected:

- | | | | |
|---|--|---|--|
| Potential
Pollutant
Sources
(1358) | <input type="checkbox"/> Sludge Storage Shed
<input type="checkbox"/> Tank Storage
<input type="checkbox"/> Empty Plastic Drum Storage
<input type="checkbox"/> Chemical Storage Shed
<input type="checkbox"/> Metal Tubing Storage
<input type="checkbox"/> Wooden Pallets
<input type="checkbox"/> 1358 Shipping and Receiving
<input type="checkbox"/> 1358 Process Vents and Open Roof Vents
<input type="checkbox"/> Transformers
<input type="checkbox"/> MSW Compactor
<input type="checkbox"/> Emergency Generator | Potential
Pollutant
Sources
(1316) | <input type="checkbox"/> Loading/Unloading
<input type="checkbox"/> Vents for Paint Booth Milling, Belt Oven
<input type="checkbox"/> MSW Dumpster
<input type="checkbox"/> Transformer |
| | Stormwater
discharge
points | | <input type="checkbox"/> DSN 001
<input type="checkbox"/> DSN 002 |

*At least one monthly inspection per calendar year must be performed while stormwater discharge is occurring.

Did you observe any of the following (check Yes or No)

Yes No

Industrial materials, residue, or trash that may have or could come into contact with stormwater.	Yes	No
Leaks or spills from industrial equipment, drums, tanks, and other containers.	Yes	No
Offsite tracking of industrial or waste materials, or sediment, where vehicles enter or exit the site.	Yes	No
Tracking/blowing of materials from areas of no exposure to exposed areas.	Yes	No
Soil erosion; channel and streambank erosion and scour in the immediate vicinity of discharge points.	Yes	No
Non-authorized non-stormwater discharges (e.g. vehicle wash-waters, boiler blowdown, sanitary wastes).	Yes	No
Control measures needing replacement, maintenance, or repair.	Yes	No

If you answered "Yes" to any of the above, provide comments below.

AMERICAN ELECTRO PRODUCTS, LLC.
 Waterbury, Connecticut
Remedial Action Log

Instructions:

If any unsatisfactory condition(s) were observed during a monthly inspection, they shall be documented on this Remedial Action Log along with the corresponding remedial actions. This Log should be filed in Section 7.5 of the Stormwater Pollution Prevention Plan (SWPPP).

Date of Evaluation	Category	Description of Unsatisfactory Condition(s)	Remedial Action(s)		
			Description	Completion Date	Completed By



Attachment F – Visual Assessment Template

Instructions: The SWPPP must contain the permittee-created Visual Assessment Template. This template should be used each time you perform a Visual Assessment. Ensure that the template complies with the IGP.

This Attachment IS REQUIRED for registration.

AMERICAN ELECTRO PRODUCTS, LLC.

Waterbury, Connecticut

Sampling Period: Quarter , Sampling Year

Quarterly Visual Assessment Form

Instructions:

- A visual sample can only be collected during a storm event that occurs at least 72 hours after any previous storm events generating a discharge at the sampling location.
- A sample must be collected within the first 30 minutes of discharge at the sampling location. If it was not, please indicate why: _____
- The visual assessment must be made in a clean, colorless plastic or glass container and conducted in a well-lit area.
- If unsatisfactory water quality characteristics are observed, the cause(s) of contamination must be investigated and corrected. This information should be documented on the Remedial Action Log.

Sampling Date: _____ Stormwater Source (Rain/Snowmelt): _____

Discharge Start Time (am/pm): _____ Sampling Time (am/pm): _____

Sampling Location: _____

Sampler's Name, Title, Signature: _____

Water Quality Characteristics	Observations	Satisfactory (No further action required)	Unsatisfactory (Remedial action needed)
Color			
Odor			
Clarity			
Floating Solids			
Settled Solids			
Suspended Solids			
Foam			
Oil Sheen			
Other Obvious Indicators of Stormwater Pollution			

AMERICAN ELECTRO PRODUCTS, LLC.
Waterbury, Connecticut
Sampling Period: Quarter , Sampling Year
Remedial Action Log

Instructions:

If unsatisfactory water quality characteristics are observed, the probable sources of stormwater contamination must be noted below along with documentation of the completed remedial actions. This Log should be filed in Section 7.5 of the Stormwater Pollution Prevention Plan (SWPPP).

Sampling Date	Unsatisfactory Water Quality Characteristics Observed	Probable Sources of Stormwater Contamination	Completed Remedial Actions		
			Description	Completion Date	Completed By



Attachment G – Employee Training Materials

Instructions: The SWPPP must contain the permittee-created Employee Training Materials. Ensure that the materials fully cover all required components and comply with the IGP.

Employees will be trained on the items listed in the *Employee Training* subsection of Section 6.2 of this Plan.

[Insert all training materials here]



Attachment H – Employee Training Sign-Off Sheet

Instructions: The SWPPP must contain the Employee Training Sign Off Sheets from the permit term.

[Insert sign-off sheets here]



Attachment I – Copy of Registration

Instructions: The SWPPP must contain a copy of the permittee’s submitted registration form, as well as any correspondence exchanged between the permittee and DEEP specific to coverage under this permit.

[Insert copy of registration here]



General Permit Registration Form for the Discharge of
Stormwater Associated with Industrial Activity

Part I: Registration Types

Registration Types	
<input checked="" type="checkbox"/>	<p>New Registration</p> <p>Are you on a site where industrial activity has been previously located? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Are you proposing a new industrial activity on a site where industrial activity has not been previously located? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<input type="checkbox"/>	<p>Replacement of NPDES</p> <p>If selected, please provide on the line below permit #'s for the previously authorized discharge(s) _____</p>

Part II: Fee Information

A fee of \$312.50 applies to:
Municipalities (50% discount of \$625 fee per CGS 22a-6)

A fee of \$625.00 applies to:
Companies that employ fewer than fifty (50) employees statewide (excluding seasonal employees employed no more than 120 days in a year) **or** have gross annual sales of less than five (5) million dollars.
Federal or state operated industrial activities.

A fee of \$1,250.00 applies to:
Companies that employ fifty (50) or more employees statewide (excluding seasonal employees employed no more than 120 days in a year) **and** have gross annual sales of greater than five (5) million dollars.

The registration will not be processed without the fee. The registration fee is non-refundable and shall be paid by check or money order payable to the Department of Energy and Environmental Protection.

Part III: Registrant Information

1. Registrant /Client Name: American Electro Products, LLC
Registrant Type: Registrant
Secretary of the State business ID #: _____
Mailing Address: 1358 Thomaston Ave
City/Town: Waterbury State: CT Zip Code: 06704
Business Phone: (203) 756-7051 ext.: _____
Example:(xxx) xxx-xxxx
Contact Person: Shpresa Biba Title : Environmental & Safety Mgr
E-Mail: sbiba@americanelectro.com
Additional Phone Number (if applicable): _____ ext. _____

2. Verify that the Registrant is the **operator** of the proposed activity: Yes

Part III: Registrant Information (continued)

3. Billing Contact

Contact Person: Shpresa Biba Title: Environmental & Safety Mgr

Mailing Address: 1358 Thomaston Ave

City/Town: Waterbury State: CT Zip Code: 06704

Business Phone: (203) 756-7051 ext. _____

Email: sbiba@americanelectro.com

4a. Primary contact for departmental correspondence and inquiries.

Contact Person: Shpresa Biba Title: Environmental & Safety Mgr

Mailing Address: 1358 Thomaston Ave

City/Town: Waterbury State: CT Zip Code: 06704

Business Phone: (203) 756-7051 ext. _____

Email: sbiba@americanelectro.com

4b. Site contact if registrant is out of state.

Not applicable

Contact Person: Shpresa Biba Title: Environmental & Safety Mgr

Mailing Address: 1358 Thomaston Ave

City/Town: Waterbury State: CT Zip Code: 06704

Business Phone: (203) 756-7051 ext. _____

Email: sbiba@americanelectro.com

5. List engineering consultant, attorney or other representative employed or retained to assist in preparing the registration or maintaining permit compliance.

Consultant/Firm Name: LOUREIRO ENGINEERING ASSOC Consultant Type: Environmental Consultant

Contact Person: June Arriens Title: Project Scientist

Mailing Address: 100 NORTHWEST DR

City/Town: PLAINVILLE State: CT Zip Code: 06062

Business Phone: (860) 747-6181 ext. _____

Email: jvarriens@loureiro.com

Secretary of the State business ID #: 0583621

6. Select the ownership type of the facility. Corporation

Part IV: Site Information

1.

Site Name: AMERICAN ELECTRO PRODUCTS, INC.

Street Address or Location Description: 1358 Thomaston Ave

City/Town: Waterbury

State: CT

Zip Code: 06704

2. Primary Sector: AA - Fabricated Metal Products

Primary SIC Code: 3471 - Electroplating, Plating, Polishing, Anodizing, and Coloring

Primary NAICS Code: 332813 - Electroplating, Plating, Polishing, Anodizing, and Coloring

2.a Is there a Co-Located Sector? Yes No

3. a. Are you proposing to authorize a stormwater discharge from a **new** road salt de-icing materials storage facilities at the site in question? Yes No

Note: If "**yes**", proceed to 3b. If "**no**", proceed to question 4.

b. Is the site within 250 feet of a well utilized for potable drinking water supply or within a Level A aquifer protection area as defined by mapping pursuant to Section 22a-354c of the Connecticut General Statutes? Yes No NA

Note: If you answered "**yes**" to both the questions 3a and 3b, you are **NOT** eligible to register under this permit. Contact DEEP.StormwaterStaff@ct.gov for further guidance.

4. Is there an existing road salt or deicing materials storage unit that is or will be in place for more than 180 days a year at the site? Yes No

5. a. Is there exposure or the potential for exposure of your stormwater to mercury? Yes No

b. Is there exposure or the potential for exposure of your stormwater discharge to Polychlorinated biphenyls (PCBs)? Yes No

6. **INDIAN LANDS:**

a. Does the facility discharge to federally recognized Indian Country Lands? Yes No

Note: If you answered "**yes**" to question 6a, you are **NOT** eligible to register under this permit. Contact DEEP.StormwaterStaff@ct.gov for further guidance.

Part IV: Sector Related Additional Questions

If you selected either your Primary Regulated Sector or Co-Located Sector as "A"

1. Does this discharge point receive discharge resulting from spray down or intentional wetting of logs at wet deck storage areas? Yes No NA

If you selected either your Primary Regulated Sector or Co-Located Sector as "J"

1. Does this discharge point receive mine dewatering discharges from crushed stone mines, construction sand and gravel mines, or industrial sand mines? Yes No NA

If you selected your Primary Regulated Sector as "A"

1. Does your facility manufacture, use, or store creosote or creosote-treated wood in areas that are exposed to precipitation? Yes No NA

If you selected your Primary Regulated Sector as "J"

1. Does your facility conduct blasting? Yes No NA

If you selected your Primary Regulated Sector as "S"

1. Does the facility conduct aircraft de-icing utilizing area? Yes No NA
2. Does the facility conduct aircraft de-icing utilizing ethylene glycol? Yes No NA
3. Does the facility conduct aircraft de-icing utilizing propylene glycol? Yes No NA

If you selected your Primary Regulated Sector as "AF"

1. Does the facility store solid de-icing materials, even in small quantities? Yes No NA
2. Is the facility used exclusively for solid de-icing material storage (e.g., a satellite station)? Yes No NA
3. Are vehicle repair or maintenance activities conducted on-site at the facility? Yes No NA

Part IV: Site Information (continued)

7. COASTAL BOUNDARY:

The site is located in a coastal boundary.

Yes No

8. ENDANGERED OR THREATENED SPECIES:

The site is located in an area identified as a habitat for endangered, threatened or special concern species.

Yes No

NDDB Determination number: _____

9. AQUIFER PROTECTION AREAS:

The site is within a level A aquifer protection area.

Yes No

10. CONSERVATION OR PRESERVATION RESTRICTION:

Is the property subject to a conservation or preservation restriction?

Yes No

Part V: Stormwater Discharge Information

Table 1

1. Identify the type, material, size and location of conveyances, outfalls, or channelized flows that convey your discharges:							
Outfall #	a) Type	b) Pipe Material	c) Pipe Size	d)		e) What method was used to obtain your latitude /longitude information?	f) Is Substantially Identical to another outfall?
				Longitude (-xx.xxxxxx)	Latitude (xx.xxxxxx)		
001	Other Catch basin	Select One	Select One	-73.048735	41.585406	ezFile Portal Map	No
002	Other Catch basin	Select One	Select One	-73.048620	41.584558	ezFile Portal Map	No
	Select One	Select One	Select One			Select One	
	Select One	Select One	Select One			Select One	
	Select One	Select One	Select One			Select One	

Part V: Stormwater Discharge Information (continued)

Table 2

2. Provide the following information about the receiving water(s)/wetland(s) that receive stormwater runoff from your site, either directly or through the Municipal Separate Storm Sewer System (MS4):				
Outfall #	a) To what system or receiving water does your stormwater runoff discharge? either "Surface Waterbody" or "Wetland" or "Publicly or privately owned".(If you select Wetland or Publicly or privately owned, columns c.1&2 of this table are not required to be completed)	b) What is your watershed ID (freshwater) or 305b ID (estuary)?	c.1) Is your receiving water identified as an impaired water?	If you answered yes to question c.1, then answer the question below.
				c.2) Has any Total Maximum Daily Load (TMDL) been approved for your receiving waterbody?
001	Publicly or privately owned stormwater conveyance system Waterbury MS4		<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
002	Surface Waterbody (i.e. stream, brook, river etc.)		<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
	Select One		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
	Select One		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
	Select One		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA

3. TMDL Records:										
Outfall #	Name	Year	Name	Year	Name	Year	Name	Year	Name	Year
001										
002										

Part VI: Pollution Prevention Plan Availability

All applicants must submit a completed and approvable Stormwater Pollution Prevention Plan (SWPPP).

Part VII: Confidential Information in the Pollution Prevention Plan

If the registrant claims that certain elements of the Plan constitute a trade secret or are otherwise exempt from the disclosure requirements of the state Freedom of Information Act (FOIA), they shall follow the procedure below regarding information subject to FOIA requirements.

Does your plan withhold certain confidential information from the public?

Yes No

Please see directions below regarding withholding information.

Instructions for plan confidentiality:

Under the Connecticut Freedom of Information Act (FOIA), a Registrant may have reason to withhold from public disclosure certain information in a plan or document prepared and maintained pursuant to a requirement of the general permit. Such information in a plan or document may be redacted provided the Registrant makes specific notation on the registration form filed with the Department: (1) that such claim is being made with a brief explanation of the type of information being withheld or redacted and the reason(s) therefore; and (2) of the location within the plan or document where such information has been redacted review either or removed. A plan or document that is being made available for public on a website or provided directly to a member of the public as a hardcopy may be in its redacted form. However, when the Department requests such plan or document be submitted for Department review, the Department will require that it be submitted in its unredacted form, in which case the Registrant must specify the information within such plan or document that is claimed to be confidential with the specific notations described above. The Department will not release any such information to the public which the Registrant claims must be withheld unless a determination has been made by the Department and any subsequent appeal of such determination filed with the Connecticut Freedom of Information Commission results in a determination that such information shall not be withheld from the public. If the Registrant seeks a determination regarding such claim of confidentiality from the Connecticut Freedom of Information Commission without obtaining a prior determination from the Department, the Registrant shall notify the Department in writing of such pending determination, at which time the Department will not release such information to the public unless otherwise determined by the Connecticut Freedom of Information Commission.

Part VIII: Registrant Certification

The registrant *and* the individual(s) responsible for actually preparing the registration must sign this part. A registration will be considered incomplete unless all required signatures are provided.

<p>"I hereby certify that I am making this certification in connection with a registration under the General Permit for the Discharge of Stormwater Associated with Industrial Activity, submitted to the Commissioner for an activity located on this application and that all terms and conditions of the general permit are being met for all discharges which have been created, initiated, or maintained, and such activity is eligible for authorization under such permit. I further certify that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 2.2.16.1 of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I certify that I have made an affirmative determination in accordance with Section 2.2.16.2 of this general permit. I understand that the registration filed in connection with such general permit is submitted in accordance with and shall comply with the requirements of Section 22a-430b of Conn. Gen. Stat. I also understand that knowingly making any false statement in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Conn. Gen. Stat., and any other applicable law."</p>	
<p> </p>	
<p>Signature of Registrant and Date</p>	
<p>Shpresa Biba</p>	<p>Environmental & Safety Mgr</p>
<p>Name of Registrant (print or type)</p>	<p>Title (if applicable)</p>
<p> </p>	
<p>Signature of Preparer and Date</p>	
<p> </p>	
<p>Name of Preparer (print or type)</p>	<p>Title (if applicable)</p>
<p> </p>	



Attachment J – Copy of Notice of Coverage Letter From DEEP

Instructions: The SWPPP must contain a copy of the permittee’s Authorization Letter assigning a permit number provided by DEEP after an NOI has been approved.

[Insert copy of authorization letter here]



Attachment K – Coastal Consistency Review

Instructions: The SWPPP must contain documentation regarding the Coastal Consistency Review if it is applicable to the site.

This Attachment shall only be included if it is applicable to the site.

N/A



Attachment L – Natural Diversity Database

Instructions: The SWPPP must contain documentation regarding the Natural Diversity Database if it applies to the site.

This Attachment shall only be included if it is applicable to the site.

N/A



Attachment M – Conservation or Preservation Restriction

Instructions: The SWPPP must contain documentation regarding Conservation or Preservation Restriction Information if it applies to the site.

This Attachment shall only be included if it applies to the site.

N/A



Attachment N – Corrective Action

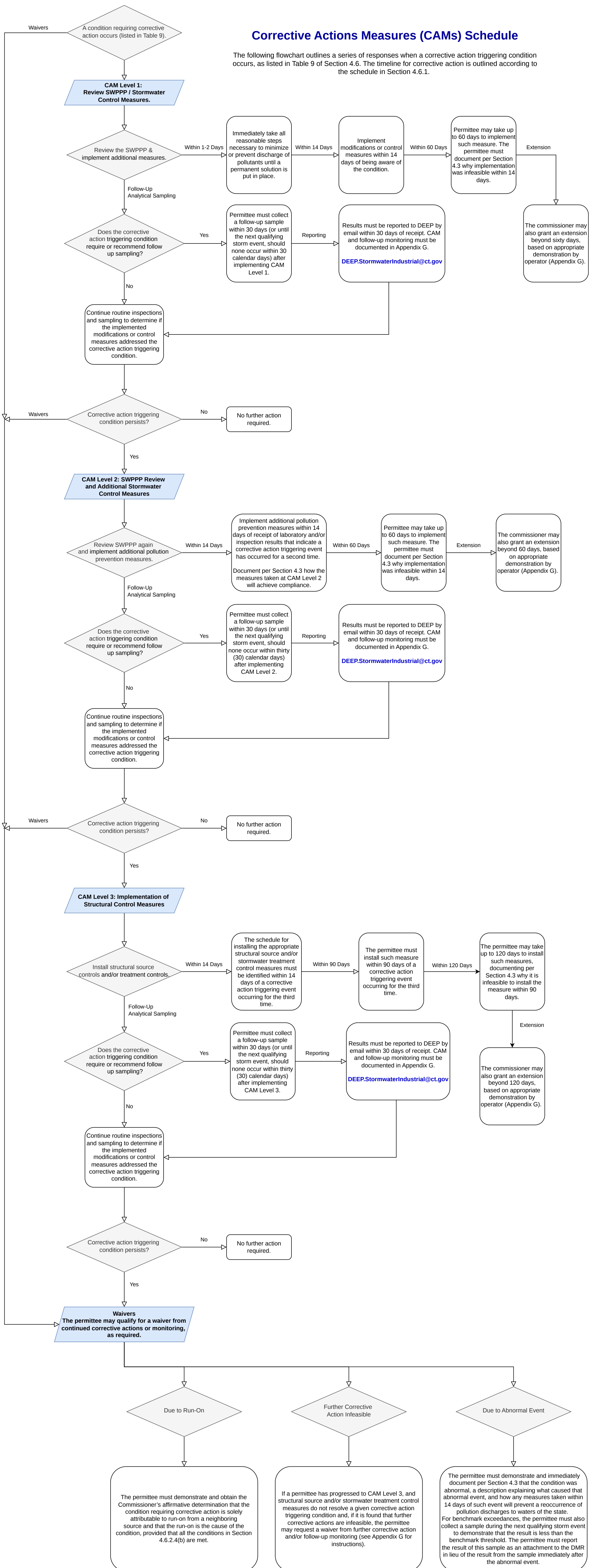
Instructions: The SWPPP must contain documentation regarding corrective action as required by the IGP.

This Attachment shall only be included if it applies to the site.

[Insert documentation here]

Corrective Actions Measures (CAMs) Schedule

The following flowchart outlines a series of responses when a corrective action triggering condition occurs, as listed in Table 9 of Section 4.6. The timeline for corrective action is outlined according to the schedule in Section 4.6.1.



Appendix G

Corrective Action Measure Requirements & Waiver Request

Purpose:

A qualified professional, as defined in the general permit, trained and designated by the permittee, will complete this form as soon as they are made aware of a condition triggering a Corrective Action Measure (CAM). The permittee must keep this form and any related documentation in the Stormwater Pollution Prevention Plan.

Violation of an Effluent Limitations Guideline:

Violation of an Effluent Limit Guideline (ELG) requires immediate reporting in accordance with the permit terms and conditions. The permittee may attach this form when completing the online notification of noncompliance. See Sections 4.6 and 4.7 of the general permit for further reporting requirements. The Noncompliance Reporting portal is located at:

<https://portal.ct.gov/deep/water-regulating-and-discharges/industrial-wastewater/compliance-assistance/notification-requirements>

Request for an Extension or Waiver:

The permittee may also use this form to request an extension to timelines for implementing Corrective Action Measure Level 1, 2, or 3 as needed, or to request a Waiver from further Corrective Action Measures and/or monitoring. A request, and copy of the this form along with supporting documentation may be submitted to DEEP at Stormwater Staff DEEP.Stormwaterindustrial@ct.gov. Retain a copy of all requests and communication in the SWPPP.

Appendix G

Corrective Action Measure Requirements & Waiver Request

Section 1. Corrective Action Measure Documentation Submission Type	
General Corrective Action Measure Documentation	<input type="checkbox"/>
Violation of an Effluent Limitations Guideline	<input type="checkbox"/>
Unauthorized spill, leak, release, or discharge	<input type="checkbox"/>
Request for an Extension to CAM Timelines	<input type="checkbox"/>
Request for a Waiver from Further Corrective Action Measures and/or Monitoring ²	<input type="checkbox"/>

Section 2. Corrective Action Measure General Information		
Permittee Information	Permittee Name	
	Site Name	
	Site Address	
	Site City/State/Zip	
	Permit Number (CTR05)	
Site Contact (Person Filling out this Form)	Name (first & last)	
	Title	
	Email Address	
	Phone Number	
Date/ Time/ Location	Location of Incident on Site	
	Time of Condition Started	
	Date of Condition Started	

Appendix G

Corrective Action Measure Requirements & Waiver Request

Section 3. Corrective Action Triggering Condition Information		
Triggering Condition	Description	Condition Occurring? (Check Box)
4 Event Average Exceeds the Benchmark Threshold (or Mathematical Equivalent)	A discharge exceeds an applicable benchmark threshold after 4 consecutive semi-annual measurements	<input type="checkbox"/>
Effluent Limit Exceedance	A discharge exceeds a numeric effluent limitation guideline	<input type="checkbox"/>
Unauthorized release or discharge	Spill, leak, release, or discharge of non-stormwater not authorized by this permit or another permit	<input type="checkbox"/>
Inconsistency with an Applicable Total Maximum Daily Load and Wasteload Allocation	A discharge is inconsistent with the assumptions and requirements of an Applicable Total Maximum Daily Load and its Wasteload Allocation	<input type="checkbox"/>
Control Measure Not Stringent Enough to Meet Water Quality Standards	A required control measure is not stringent enough for a stormwater discharge to be controlled as necessary such that the receiving water will meet applicable water quality standards	<input type="checkbox"/>
Control Measure Never Designed, Installed, Implemented, or Maintained	A required control measure was never designed, installed, or implemented	<input type="checkbox"/>
Change in Design, Operation, or Maintenance at a Facility	Construction or a change in the design, operation, or maintenance at a facility that significantly changes the nature or increases the quantity of pollutants discharged	<input type="checkbox"/>
Visual Assessment Shows Evidence of Pollution	Color, odor, floating solids, settled solids, suspended solids, or foam observed in discharge water	<input type="checkbox"/>
Other Corrective Actions (as Required by the Commissioner)	The Commissioner may utilize enforcement discretion to require additional corrective actions in response to permit violations	<input type="checkbox"/>

Appendix G
Corrective Action Measure Requirements & Waiver Request

Please provide a description of the event or the request being made to the Commissioner:

Appendix G
Corrective Action Measure Requirements & Waiver Request

Section 4. Corrective Action Measure		
Select the appropriate level and describe the actions taken		
<input type="checkbox"/> Corrective Action Level 1	Immediate Actions (Within 1-2 Days)	
	Subsequent Actions (Within 14-60 Days)	
	Extension (Greater than 60 Days)	
	Follow-up sample, if applicable (include date, discharge location, and parameter)	
<input type="checkbox"/> Corrective Action Level 2	Immediate Actions (Within 1-2 Days)	
	Subsequent Actions (Within 14-60 Days)	
	Extension (Greater than 60 Days)	
	Follow-up sample, if applicable (include date, discharge location, and parameter)	
<input type="checkbox"/> Corrective Action Level 3	Immediate Actions (Within 1-2 Days)	
	Subsequent Actions (Within 14-60 Days)	
	Extension (Greater than 60 Days)	
	Follow-up sample, if applicable (include date, discharge location, and parameter)	

Appendix G

Corrective Action Measure Requirements & Waiver Request

Section 5. Additional Information (check all that apply)

<input type="checkbox"/> Follow-up photographs	Please describe any photographs taken and attach them to the end of this document.														
<input type="checkbox"/> Request for an extension	Please describe the request for an extension for CAM implementation. Please see the permit for criteria applicable to exemptions.														
<input type="checkbox"/> Request for a waiver	Please describe the request for a waiver from further corrective action measures and/ or monitoring. Please see the permit for criteria applicable to waivers.														
Certification	<p>I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate, and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the Regs. Conn. State Agencies, pursuant to section 53a-157b of the Regs. Conn. State Agencies, and in accordance with any other applicable statute.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Certifier Name:</td> <td style="width: 30%;">Click or tap here to enter text.</td> <td style="width: 25%;">Certifier Title:</td> <td style="width: 20%;">Click or tap here to enter text.</td> </tr> <tr> <td>Certifier Signature:</td> <td></td> <td>Date:</td> <td>Click or tap here to enter text.</td> </tr> <tr> <td>Site/Facility Name and Address:</td> <td>Click or tap here to enter text.</td> <td>General Permit No.:</td> <td>Click or tap here to enter text.</td> </tr> </table>			Certifier Name:	Click or tap here to enter text.	Certifier Title:	Click or tap here to enter text.	Certifier Signature:		Date:	Click or tap here to enter text.	Site/Facility Name and Address:	Click or tap here to enter text.	General Permit No.:	Click or tap here to enter text.
Certifier Name:	Click or tap here to enter text.	Certifier Title:	Click or tap here to enter text.												
Certifier Signature:		Date:	Click or tap here to enter text.												
Site/Facility Name and Address:	Click or tap here to enter text.	General Permit No.:	Click or tap here to enter text.												



Attachment O – The General Permit

Instructions: The SWPPP must contain a copy of the IGP

At the time of the certification of this SWPPP, the IGP is available online at:

https://portal.ct.gov/-/media/deep/water_regulating_and_discharges/stormwater/industrial/2025-permit-documents/2025-industrial-stormwater-general-permit-part-1--2erc.pdf?rev=e07e4c0e8e9942cfb424954fe5bc89e5&hash=CFF6E87399495EA4981CB0C8949F43CD

A copy of the IGP is also included in a separate document to be kept alongside this Plan. This copy of the IGP only includes the sector-specific requirements for Sector AA.

Attachment P – Summary of Pollutant Sources

This table includes a compilation of the information required by: “List of Potential Pollutants (or Pollutant Constituents from Industrial Activities)”;
 “Method and Location of On-Site Storage or Disposal”; and, “Areas of Site Where Potential Spills/Leaks Could Occur”. In addition, please refer to Section
 1 for any other waste permits issued by the Commissioner pursuant to Section 22a-430 or 22a-430b of the Connecticut General Statutes.

Activity/ Exposed Material	Location of Activity/ Exposed Material	Associated Outfall #	Associated Drainage Area #	Associated Pollutants	Description of Storage/ Extent of Stormwater Exposure	Description of Structural/ Non-Structural Control Measures	Sector Specific Requirements	Method of Disposal (if applicable)
Fueling, Maintenance, Cleaning, and Storage:								
N/A								
Solid De-Icing Material Storage:								
N/A								
Industrial Materials Storage Areas:								
Sludge Storage Shed	Northeast side of 1358	DSN 001	001	pH, COD, TSS, Metals	Metal hydroxide filter cake sludge is stored on pallets in coated polypropylene bags with liners in a roofed shed.	The raised concrete foundation of shed is bermed on the inside along the walls of the building.	N/A	Disposed of 2-4 times per year.
Tank Storage: Sodium Hypochlorite, Sulfuric Acid, Sodium Hydroxide Solution	Northeast side of 1358	DSN 001	001	pH, COD	Three double walled ASTs.	ASTs are on a concrete pad within a concrete bermed area, and are equipped with high level and leak detection alarms.	See note below table	N/A
Empty Plastic Drum Storage	Northeast side of 1358	DSN 001	001	pH, COD	Empty plastic drums that previously held chemicals are stored in the tank storage area.	Drums are triple rinsed in the wastewater treatment room before being placed in outdoor storage.	N/A	N/A
Chemical Storage Shed	Southeast corner of 1358	DSN 002	002	pH, COD, TSS, Metals	Containers of acids are stored in the shed.	The shed has a bermed concrete floor. Containers are never opened in the shed.	See note below table	N/A
Metal Tubing Storage	East side of the Chemical Storage Shed	DSN 002	002	pH, TSS, Metals	Metal tubing storage.	The tubing is not contaminated with any chemicals and is stored inside PVC piping that is raised up off the ground	N/A	N/A
Wooden Pallets	Northeast of 1358	DSN 001	001	pH, TSS, COD, Metals	Used pallets from skids of incoming chemicals and non-chemicals. None have been used for sludge.	Only non-contaminated pallets are stored outdoors. Contaminated pallets are handled in the waste treatment room.	N/A	N/A
Materials Handling Activities:								
1358 Shipping and Receiving	North side of 1358	DSN 001	001	pH, O&G, COD, TSS, P, TKN, N, Metals	The loading area receives a large variety of chemicals and other materials. Finished product is shipped through this area.	The loading area is at ground level. Trucks are staged just outside the loading area during deliveries. Spill mats and a spill kit are located nearby. All chemical deliveries are moved indoors immediately.	N/A	N/A
Sludge Storage Shed Loading	Northeast side of 1358	DSN 001	001	TSS, Metals	Sludge is moved to the shed in drums, then transferred to bags. Bags are shipped out for disposal at the 1358 Shipping and Receiving area.	The outside of the bags is cleaned before moving outdoors, bags are not overfilled, and are replaced if they are deteriorating bags to replace. Spill equipment is located nearby.	N/A	N/A

Activity/ Exposed Material	Location of Activity/ Exposed Material	Associated Outfall #	Associated Drainage Area #	Associated Pollutants	Description of Storage/ Extent of Stormwater Exposure	Description of Structural/ Non-Structural Control Measures	Sector Specific Requirements	Method of Disposal (if applicable)
Tank Storage Area Loading (Inlet Pipe)	Northeast corner of 1358	DSN 001	001	pH, COD	Tank storage area inlet pipes for bulk chemical delivery (sodium hypochlorite, sulfuric acid, sodium hydroxide solution).	All deliveries are supervised by a PPT member. Piping containment and valves are maintained in good repair. Two catch basin mats are kept in the Shipping and Receiving area.	N/A	N/A
Chemical Storage Shed/ 1358 Employee Entrance	Movement between Chemical Storage Shed and 1358	DSN 002	002	pH, COD, TSS, Metals	Containers are transported from the shed to the 1358 either by use of a hand cart to the employee entrance door, or with the use of a barrel truck to go around to the main Shipping and Receiving area.	Spill equipment is located in the Chemical Storage Shed.	N/A	N/A
1316 Loading/Unloading	West side of 1316	DSN 002	002	pH, O&G, COD, TSS, Metals	All chemicals and materials used in this building are received through the overhead door.	Spill equipment is located inside this loading/ unloading area	N/A	N/A
Any Other Industrial Activity:								
1316 Ventilation for Paint Booth, Milling, Belt Oven	1316 Building	DSN 002	002	COD, TSS, Metals	Paint booth exhaust discharges on the west side of 1316, milling and the belt oven discharge on the east side,	Paint booth is equipped with a filter, which is changed as needed. Milling machine intakes are equipped with mesh screens.	N/A	N/A
1358 Process Vents and Open Roof Vents	1358 Roof	DSN 001	001	pH, COD, TSS, P. TKN, N, Metals	Vents on roof from production and other building areas.	Maintenance as needed.	N/A	N/A
Transformers	Southwest corner of 1316, northeast corner of 1358, south side 1358	DSN 001, DSN 002	001, 002	O&G	Three utility-owned transformers are located on site.	Transformers are on concrete pads.	N/A	N/A
1316 MSW Dumpster	Southwest corner of 1316	DSN 002	002	TSS, COD	Municipal Solid Waste dumpster.	No liquids disposed of in dumpster, dumpster not overfilled. The dumpster is in sound water-tight condition, and is kept closed while not being loaded/unloaded	N/A	Emptied once a month
MSW Compactor	Northeast corner of 1358	DSN 001	001	TSS, COD	Municipal Solid Waste compactor.	No liquids disposed of in compactor, compactor not overfilled.	N/A	Emptied approx. every 8 weeks
Emergency Generator	East side of 1358	DSN 001	001	O&G	An emergency generator is located on the east side of 1358. It is primarily fueled by natural gas, with a back-up propane tank connected,	If propane leaked out of the tank, it would be a gas that would not cause stormwater pollution.	N/A	N/A
Vehicle Traffic	Paved areas	DSN 001, DSN 002	001, 002	O&G	Vehicle use of paved areas throughout Site.	N/A	N/A	N/A

* O&G = Total Oil & Grease; COD = Chemical Oxygen Demand; TSS = Total Suspended Solids; P = Total Phosphorous; TKN = Total Kjeldahl Nitrogen; N = Nitrate as Nitrogen

Sector-Specific Requirements:

Chemical Storage Areas: minimize stormwater contamination and accidental spillage in chemical storage areas and include a program to inspect containers and identify proper disposal methods. Implement impermeable secondary containment in these areas in accordance with IGP Section 4.2.4 as required for both stationary and mobile liquid storage stations.



Attachment Q – Spill Response Procedures

EMERGENCY RESPONSE PLAN

2.0 INITIAL NOTIFICATIONS/ACTIONS

At the facility, the following personnel must be notified in case of a sudden or non-sudden release of hazardous waste, fire, or explosion. The phone number at the plant is (203) 756-7051 (after 5:00 PM, 756-7057).

<u>Name</u>	<u>Home Location</u>	<u>Plant Ext.</u>	<u>Home/Cell Ph</u>
Bob Ronalter (Emergency Coordinator)	38 Crystal Brook Road Wolcott, CT 06716	254 cell 1 cell 2	(203) 592-0088 (203) 910-3829
Shpresa Biba (Assistant Coordinator)	12 Spindle Hill Road,1C Wolcott, CT 06716	274 cell	(203) 982-4900
Paul Pavone (Alternate)	30 Gaylord Drive Waterbury, CT 06708	275 cell	(203) 575-9863 (203) 592-5471

In case of an imminent or actual emergency at the plant, the Emergency Coordinator, or his Alternate, shall be contacted first. The Emergency Coordinator shall carry out the emergency plan agreed to by local police, fire department, hospitals, contractors, and state and local emergency response teams.

Table 12.1 lists organizations that could possibly be contacted by the Emergency Coordinator in the event of an emergency.

Emergency procedures are the responsibility of the Emergency Coordinator or his Alternate. Such procedures are specifically outlined and included in this plan. For fire and/or explosion, reference the outline on pages 4 and 5 in this section. For spill and/or release of hazardous material, reference the outline on pages 6 through 8 in this section.

Immediate procedures are outlined as follows:

- 2.1 If necessary, the Emergency Coordinator should activate internal facility alarms and/or communication systems to notify all facility personnel.
- 2.2 The foreman of each department will, if necessary, evacuate all personnel within each department using predetermined routes described in this Plan on Print 11.1.

EMERGENCY RESPONSE PLAN

2.0 INITIAL NOTIFICATIONS/ACTIONS (continued)

2.3 If their help is needed, the Emergency Coordinator should notify the appropriate State and local agencies included in Table 12.1.

2.4 The Emergency Coordinator must identify the character, exact source, amount, extent of any released materials, and assess possible hazards to human health or the environment.

2.5 If the Emergency Coordinator determines there is a threat to human health or the environment outside the facility, he must report his findings to:

2.5.1 Local authorities, if evacuation of local areas is advised; and

2.5.2 National Response Center , 1 (800) 424-8802

2.5.2.1 The following information must be provided to the National Response Center when contacted:

2.5.2.1.1 Name and telephone number of reporter;

2.5.2.1.2 Name and address of facility;

2.5.2.1.3 Time and type of incident (i.e., release, fire);

2.5.2.1.4 Name and quantity of material(s) involved, to the extent known; and

2.5.2.1.5 The possible hazards to human health or the environment outside the facility.

EMERGENCY RESPONSE PLAN

2.0 INITIAL NOTIFICATIONS/ACTIONS (continued)

2.6 EMERGENCY PROCEDURE: **FIRE AND/OR EXPLOSION**

CONTACT EMERGENCY COORDINATOR AND/OR ALTERNATES.		PLANT PHONE: (203) 756-7051
1) EMERGENCY COORD.	- B. RONALTER EXT. 254	CELL PHONE: (203) 592-0088
2) ALTERNATES	- S. BIBA EXT. 274	CELL PHONE: (203) 982-4900
	- P. PAVONE EXT. 275	CELL PHONE: (203) 592-5471

PERSONNEL
INJURED?

YES

NO

EMERGENCY COORDINATOR OR ALT. CONTACTS THE FOLLOWING:

HOSPITAL: St. Mary's Emergency Dept.	(860) 709-6004
HOSPITAL: Waterbury Hospital Emergency Dept.	(203) 573-6290
AMBULANCE:	911
CT POISON CONTROL CENTER:	(800) 222-1222

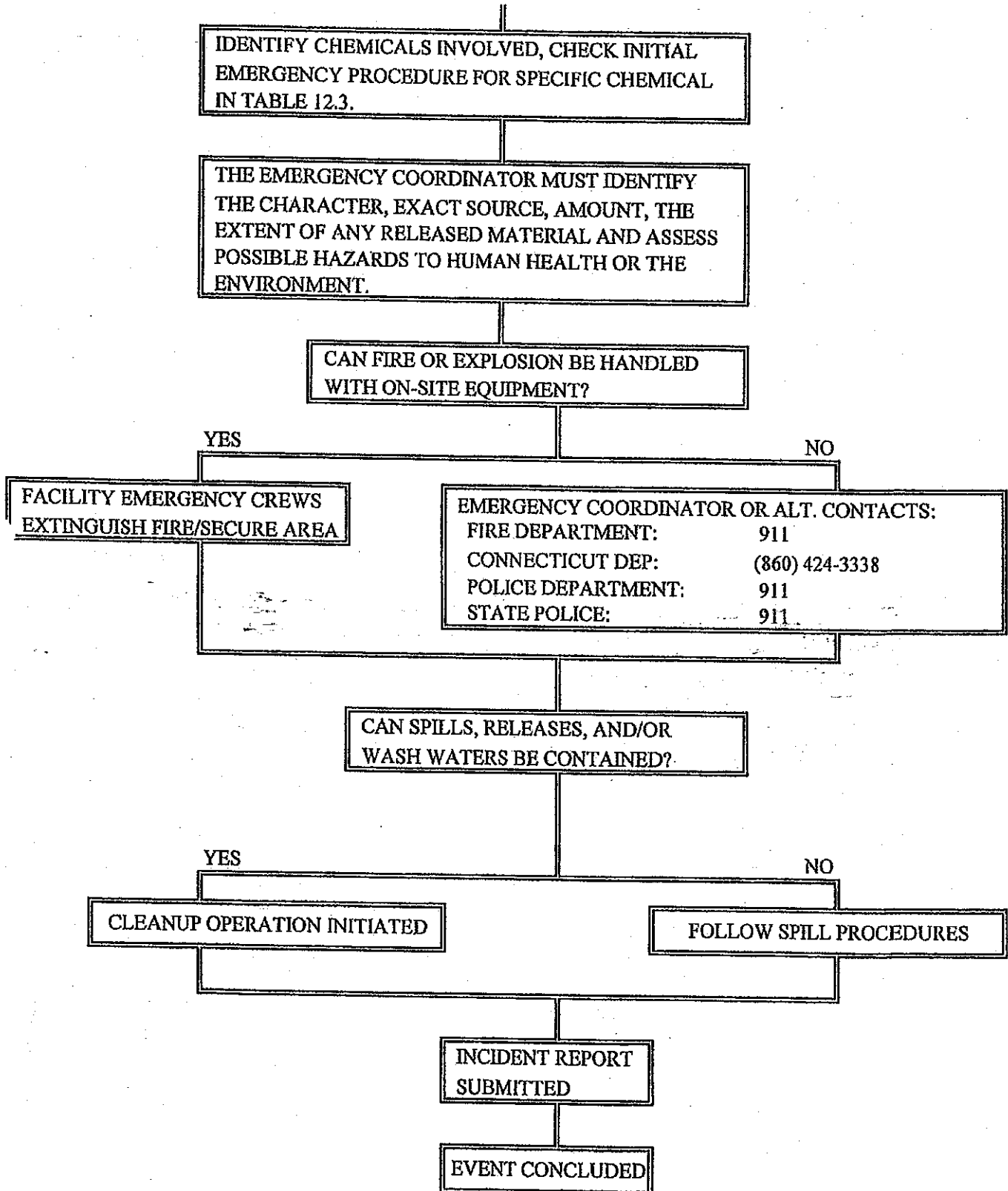
IF NECESSARY, THE EMERGENCY COORDINATOR
SHOULD ACTIVATE INTERNAL FACILITY ALARMS
AND/OR COMMUNICATION SYSTEMS TO NOTIFY
ALL PERSONNEL OF EVACUATION.

- 1) FIRE DOORS IN BUILDING WILL BE CLOSED.
- 2) HAZARDOUS WORK IN ALL AREAS WILL BE SHUT DOWN IMMEDIATELY.
- 3) ALL FEED LINES AND ADDITIONAL EQUIPMENT WILL BE SHUT DOWN, AS NECESSARY AND PRACTICAL.
- 4) THE AREA WILL BE CLEARED OF ALL PERSONNEL NOT ACTIVELY INVOLVED IN FIGHTING THE FIRE. THESE PERSONS ARE TO REPORT TO THE DESIGNATED RALLY POINTS FOR ACCOUNTABILITY.

(CONTINUED ON NEXT PAGE)

EMERGENCY RESPONSE PLAN

2.6 FIRE AND/OR EXPLOSION (continued)



EMERGENCY RESPONSE PLAN

2.0 INITIAL NOTIFICATIONS/ACTIONS (continued)

2.7 EMERGENCY PROCEDURE: **SPILL AND/OR RELEASE OF HAZARDOUS MATERIAL**

CONTACT EMERGENCY COORDINATOR AND/OR ALTERNATES.		PLANT PHONE: (203) 756-7051
1) EMERGENCY COORD.	- B. RONALTER EXT. 254	CELL PHONE: (203) 592-0088
2) ALTERNATES	- S. BIBA EXT. 274	CELL PHONE: (203) 982-4900
	- P. PAVONE EXT. 275	CELL PHONE: (203) 592-5471

PERSONNEL
INJURED?

YES

NO

EMERGENCY COORDINATOR OR ALT. CONTACTS THE FOLLOWING:

HOSPITAL: St. Mary's Emergency Dept.	(860) 709-6004
HOSPITAL: Waterbury Hospital Emergency Dept.	(203) 573-6290
AMBULANCE:	911
CT POISON CONTROL CENTER:	(800)-222-1222

IDENTIFY CHARACTER OF SPILLED CHEMICAL, CHECK INITIAL EMERGENCY PROCEDURE FOR PARTICULAR CHEMICAL IN TABLE 12.3.

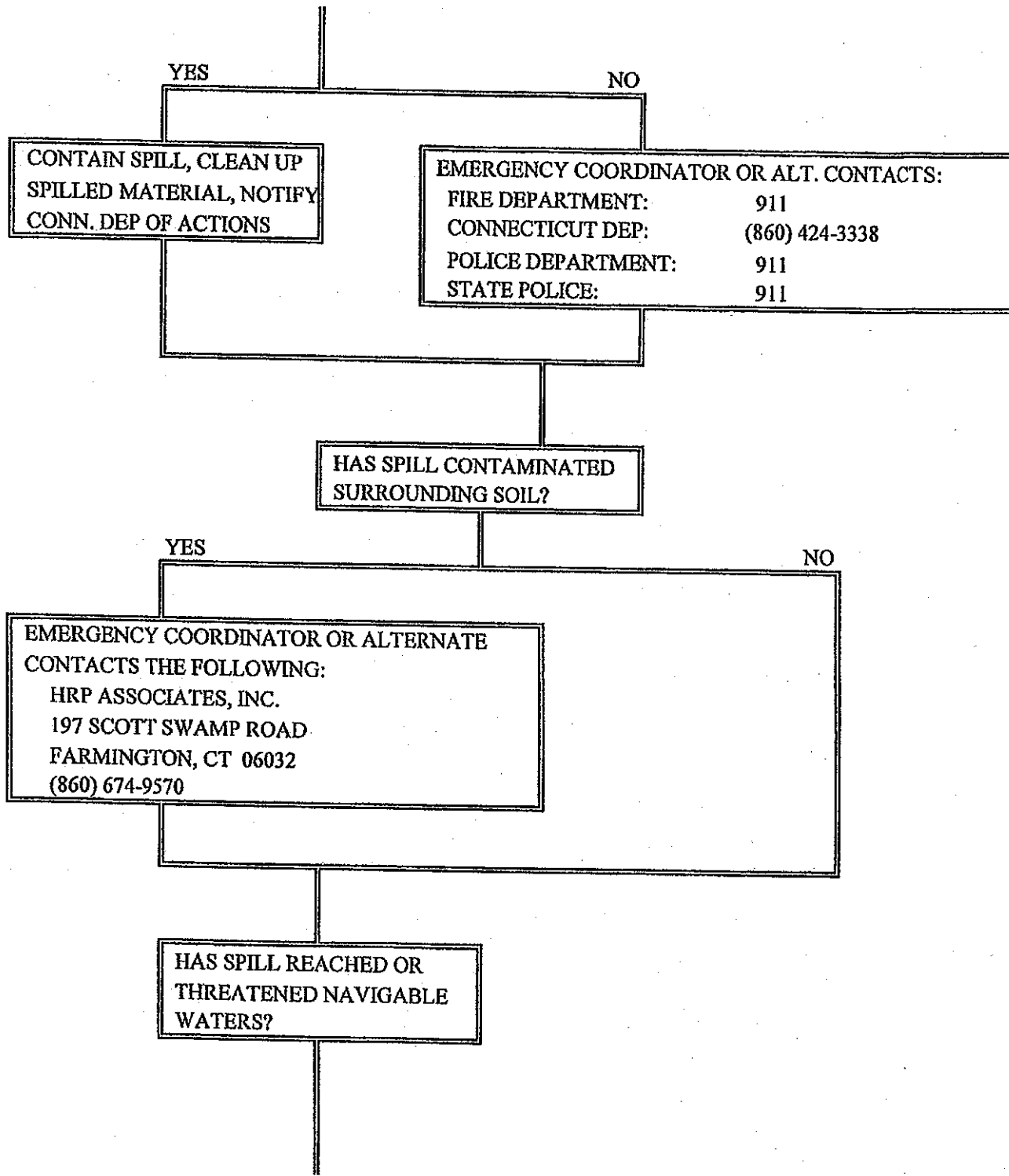
IF NECESSARY, THE EMERGENCY COORDINATOR SHOULD ACTIVATE INTERNAL FACILITY ALARMS AND/OR COMMUNICATION SYSTEMS TO NOTIFY ALL PERSONNEL OF EVACUATION.

IS SPILL SMALL ENOUGH TO BE HANDLED ON-SITE?

(CONTINUED ON NEXT PAGE)

EMERGENCY RESPONSE PLAN

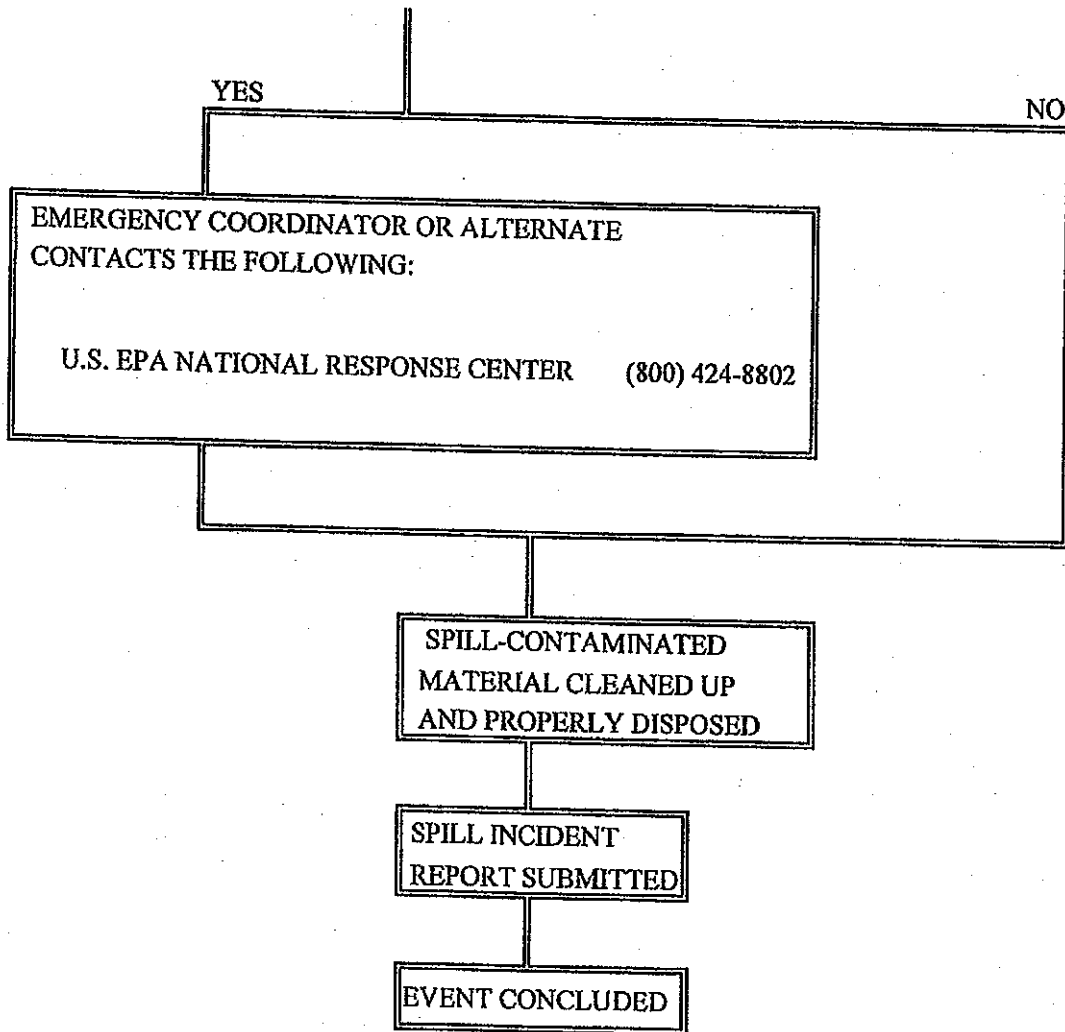
2.7 SPILL AND/OR RELEASE OF HAZARDOUS MATERIAL (continued)



(CONTINUED ON NEXT PAGE)

EMERGENCY RESPONSE PLAN

2.7 SPILL AND/OR RELEASE OF HAZARDOUS MATERIAL (continued)



EMERGENCY RESPONSE PLAN

3.0 HAZARD IDENTIFICATION

A number of hazardous substances, chemicals, and wastes are used and stored at American Electro Products, LLC

Provided on Table 12.2 is a narrative summary of emergency response data for each storage area based upon the types of materials stored.

The emergency response data for each individual material is described in more detail on Table 12.3.

EMERGENCY RESPONSE PLAN

4.0 IMPLEMENTATION OF THE EMERGENCY RESPONSE PLAN

The decision to implement the Emergency Response Plan depends upon whether an imminent or actual incident could threaten human health or the environment. The purpose of this section is to provide guidance to the Emergency Coordinator in making this decision by providing decision-making criteria. The Emergency Response Plan will be implemented in the following situations:

4.1 Fire and/or Explosion

- 4.1.1 A fire causes the release of toxic fumes.
- 4.1.2 The fire spreads and could possibly ignite materials at other locations on-site or could cause heat-induced explosions.
- 4.1.3 The fire could possibly spread to off-site areas.
- 4.1.4 Use of water or water and chemical fire suppressant could result in contaminated runoff.
- 4.1.5 An imminent danger exists that an explosion could occur, causing a safety hazard because of flying fragments or shock waves.
- 4.1.6 An imminent danger exists that an explosion could ignite other hazardous substances at the facility.
- 4.1.7 An imminent danger exists that an explosion could result in release of toxic material.
- 4.1.8 An explosion has occurred.

4.2 Spills or Material Release

- 4.2.1 The spill could result in release of flammable liquids or vapors, thus causing a fire or gas explosion hazard.
- 4.2.2 The spill could cause the release of toxic liquids or fumes.
- 4.2.3 The spill can be contained on-site, but the potential exists for ground water contamination.
- 4.2.4 The spill cannot be contained on-site, resulting in off-site soil contamination and/or ground or surface water pollution.

4.3 Floods

- 4.3.1 The possibility of a flood exists.

EMERGENCY RESPONSE PLAN

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5.0 CONTROL PROCEDURES (continued)

The Emergency Coordinator will be responsible for determining if personnel not in the affected area should be evacuated.

Supervisors of unaffected areas will stay with their personnel and be prepared to evacuate and account for the persons under their supervision.

An "all clear" signal will be given when the fire has been extinguished and the safety of personnel is no longer endangered. The Emergency Coordinator will determine when the emergency has passed and the "all clear" signal can be given. All emergency equipment used in the emergency must be cleaned and fit for use prior to resumption of plant operation in the affected areas.

5.2 Spills or Material Release

In the event of a major emergency involving a hazardous material spill, the following general procedures will be used for rapid and safe response and control of the situation. For all large spills or serious leaks, the following guidelines will be followed as closely as possible.

5.2.1 If a leak develops or a spill emanates from a storage area, the person discovering the discharge will leave the immediate area and contact the Emergency Coordinator. The Emergency Coordinator will obtain the following information:

5.2.1.1 Person(s) injured and seriousness of injury.

5.2.1.2 Location of spill/leak, material involved, and source.

5.2.1.3 The approximate amount spilled.

5.2.1.4 Whether or not a fire is involved.

5.2.2 Next, the Emergency Coordinator will:

5.2.2.1 Initiate evacuation of the hazard area. For small spills or leaks, isolate at least 50 feet in all directions. For large spills, initially isolate at least 100 feet in all directions and keep all personnel upwind of spill.

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EMERGENCY RESPONSE PLAN

5.0 CONTROL PROCEDURES (continued)

- 5.2.2.2 Obtain medical attention for any injured persons. It may be helpful to instruct the caller in initial first aid procedures. Then call the hospital.
- 5.2.2.3 If a fire is involved, call the Fire Department.
- 5.2.2.4 Dispatch emergency personnel to the site to take the appropriate action.
- 5.2.2.5 Contact the proper authorities (see Table 12.1) if the spill or release is large. Contact local authorities first so that, if necessary, downstream water users and/or persons downwind of the vapor can be notified and, if necessary, evacuated. If a large spill occurs, the initial evacuation area downwind should be two-tenths (0.2) of one mile long (approximately 1,000 feet) by one-tenth (0.1) of one mile wide (approximately 500 feet). If a tank containing material becomes involved in a fire, isolate an area one half (1/2) of one mile in all directions.

5.2.3 Cleanup personnel will:

- 5.2.3.1 Be certain that all personnel not involved in cleanup activities have vacated the hazard area.
- 5.2.3.2 Put on protective clothing and equipment.
- 5.2.3.3 If the flammable material is involved, remove all ignition sources, and use spark- and explosion-proof equipment and clothing in containment and cleanup.
- 5.2.3.4 If possible, try to stop the leak. Special materials will be kept on hand for temporary repairs.
- 5.2.3.5 Remove all surrounding materials that could be especially reactive with materials in the waste. Determine the major components in the waste at the time of the spill.
- 5.2.3.6 Use absorbent pads, booms, earth, sandbags, sand, and other inert materials to contain, divert, and clean up a spill if it has not been contained by a dike or sump. Most spills contained within a dike or sump can be pumped back into the appropriate storage tank or drum.

EMERGENCY RESPONSE PLAN

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5.0 CONTROL PROCEDURES (continued)

- 5.2.3.7 If hazardous materials reach a storm sewer, try to stop flow from the source by using sand, earth, sandbags, etc. If this is done, dilute materials in the storm sewer with large quantities of water and pump this material out into a temporary holding tank or drum as soon as possible.
- 5.2.3.8 Place all containment and cleanup materials in drums for proper disposal. Some items, such as absorbent rags or booms, may have to be cut up.
- 5.2.3.9 Place all recovered liquid wastes in drums for removal to an approved disposal site.

5.3 Floods

American Electro Products, LLC is within 1,000 feet of the Naugatuck River. If a flood occurs, the following steps should be taken:

- 5.3.1 Check with the National Weather Service or the Army Corps of Engineers for a projected flood crest.
- 5.3.2 If the crest will result in less than one (1) foot of water in any storage area, the area will be diked with sandbags up to a level equaling one foot over the projected level.
- 5.3.3 If the crest will result in more than one (1) foot of water in any storage area, the waste will be removed to a waste disposal facility.

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EMERGENCY RESPONSE PLAN

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8.0 SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN

8.1 Past Spill Experience

There have been no spills at the American Electro Products, LLC facility.

8.2 Potential Spill Prediction and Control

Table 12.5 describes the potential type of failure, estimated amount of material released, the direction that the material will take in the event of release, and existing and/or required secondary containment facilities.

8.3 Spill Abatement Equipment and Materials

8.3.1 Spill abatement equipment available on-site at the American Electro Products, LLC facility is listed below:

Absorbent (stored in warehouse)

Absorbent Pillows (stored in warehouse)

8.3.2 Available commercial cleanup contractors, if their assistance is needed, are listed below:

Clean Harbors
770 Derby Avenue
Seymour, CT 06483 (203) 734-2581

Clean Earth
283 Allens Avenue
Providence, RI 02905 (401) 781-6340 Providence #
(877) 577-2669 Emerg. Resp.

Heritage Environmental Services
10 Apollo Drive
Albany, NY 12205 (518) 452-7001 Albany #
(877) 436-8778 Emerg. Resp.

Triumvirate Environmental, LLC
80 Fenn Road, Unit C
Newington, CT 06111 1-(888) 834-9597
(800) 966-9282 Emerg. Resp.

EMERGENCY RESPONSE PLAN

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9.0 FOLLOW-UP REPORTING OF EMERGENCY INCIDENTS

- 9.1 Within fifteen (15) days after an emergency, the Emergency Coordinator must report any incident requiring the implementation of this contingency plan to the following agency:

Commissioner
CT Dept. of Environmental Protection
State Office Building
79 Elm Street
Hartford, CT 06106-5127

- 9.2 If the Region had been notified previously under emergency procedures, the Emergency Coordinator must report to the following agency within fifteen (15) days:

The Regional Administrator
U.S. Environmental Protection Agency
JFK Federal Building
Boston, MA 02203

- 9.3 The DEP and U.S. EPA report must include:

- 9.3.1 Name, address and telephone number of the owner/operator;
- 9.3.2 Name, address and telephone number of the facility;
- 9.3.3 Date, time and type of incident (e.g. fire, explosion);
- 9.3.4 Name and quantity of material(s) involved;
- 9.3.5 An assessment of actual or potential hazards to human health or the environment, where applicable; and
- 9.3.6 Estimated quantity and disposition of recovered material that resulted from the incident.

(The following pages are an explanation and sample of a Report of Discharge.)

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EMERGENCY RESPONSE PLAN

TABLE 12.1

Emergency Contacts
American Electro Products, LLC

<u>Emergency</u>	<u>Agency to Contact</u>	<u>Phone Number</u>
Injury	Waterbury Fire Department	203-597-3450
	Waterbury Police Department	203-574-6911
	St. Mary Hospital – Emergency Department	860-709-6004
	Waterbury Hospital – Emergency Department	203-573-6290
	Connecticut Poison Control Center	1-800-222-1222
Fire/Explosion	CT DEEP (Department of Energy and Environmental Protection – Emergency Spill Reporting)	860-424-3338
	Waterbury Fire Department	203-597-3450
	Waterbury Police Department	203-574-6911
	Waterbury Hospital – Emergency Department	203-573-6290
	St. Mary Hospital – Emergency Department	860-709-6004
	Fire Equipment Headquarters	860-489-5916
Hazardous Material Spill or Release	CT DEEP (Department of Environmental Protection)	860-424-3338
	Waterbury Fire Department	203-597-3450
	Waterbury Police Department	203-574-6911
	Waterbury Health Department – Hazardous Materials Director	203-574-6998
If Spill Reaches Navigable Waters	CT DEEP – Water Quality	860-424-3020
	CT DEEP – Oil and Chemical Spills	860-424-3338
	US EPA – National Response Center	800-424-8802
Potential Flood	US Army Corps of Engineers (Thomaston Dam)	860-283-5540