

Stormwater Pollution Prevention Plan (SWPPP)

For Construction Activities At:

Tri-County Landfill
7N904 IL-25
Kane County, Illinois 60177

SWPPP Prepared For:

Tri-County Solar LLC
134 East 40th Street
New York, NY 10016
(866) 961-8654

SWPPP Prepared By:

Weston & Sampson Engineers, Inc.
55 Walkers Brook Drive, Suite 100
Reading, MA 01867
(978) 532-1900

SWPPP Preparation Date:

11/07/2025

Estimated Project Dates:

Project Start Date: 03/01/2026

Project Completion Date: 06/02/2026

Contents

SECTION 1: CONTACT INFORMATION/RESPONSIBLE PARTIES.....	1
1.1 Operator(s) / Subcontractor(s)	1
1.2 Stormwater Team	2
2.1 Project/Site Information	3
2.2 Discharge Information.....	3
2.3 Nature of the Construction Activities.....	5
2.4 Sequence and Estimated Dates of Construction Activities	7
2.5 Authorized Non-Stormwater Discharges	7
2.6 Site Maps.....	8
SECTION 3: DOCUMENTATION OF COMPLIANCE WITH OTHER FEDERAL REQUIREMENTS	9
3.1 Endangered Species Protection	9
3.2 Historic Property Screening Process.....	9
3.3 Safe Drinking Water Act Underground Injection Control Requirements	9
SECTION 4: EROSION AND SEDIMENT CONTROLS AND DEWATERING PRACTICES	10
4.1 Natural Buffers or Equivalent Sediment Controls	10
4.2 Perimeter Controls	10
4.3 Sediment Track-Out	11
4.4 Stockpiles or Land Clearing Debris Piles Comprised of Sediment or Soil.....	12
General	12
4.5 Minimize Dust	12
4.6 Topsoil	12
4.7 Storm Drain Inlets	12
4.8 Constructed Site Drainage Features.....	13
4.9 Sediment Basins or Similar Impoundments	13
4.10 Chemical Treatment.....	13
4.11 Dewatering Practices	13
4.12 Other Stormwater Controls	13
4.13 Site Stabilization.....	13
SECTION 5: POLLUTION PREVENTION CONTROLS	15
5.1 Potential Sources of Pollution	15
5.2 Spill Prevention and Response	15
5.3 Fueling and Maintenance of Equipment or Vehicles	16
5.4 Washing of Equipment and Vehicles.....	17
5.5 Storage, Handling, and Disposal of Building Products, Materials, and Wastes	17
5.6 Application of Fertilizer.....	18
5.7 Other Pollution Prevention Practices.....	18
SECTION 6: INSPECTION, MAINTENANCE, AND CORRECTIVE ACTION	19
6.1 Inspection Personnel and Procedures	19
6.2 Corrective Action	20
SECTION 7: TURBIDITY BENCHMARK MONITORING FOR DEWATERING DISCHARGES	21
SECTION 8: CERTIFICATION AND NOTIFICATION	22

SECTION 1: CONTACT INFORMATION/RESPONSIBLE PARTIES

1.1 Operator(s) / Subcontractor(s)

Operator(s):

Tri-County Solar LLC
134 East 40th Street
New York, NY 10016
(866) 961-8654

Subcontractor(s):

To be determined

Emergency 24-Hour Contact:

Tri-County Solar LLC
134 East 40th Street
New York, New York 10016
P: TBD
E: TBD

South Elgin & Countryside Fire Protection District Station 23
498- A N South Elgin Blvd, South Elgin, IL 60177
Emergency: 911
Non-Emergency: (847) 648-9401

Kane County Sheriff's Office
37W755 IL-38, St. Charles, IL 60175
Emergency: 911
Non-Emergency (630) 232-6840

Illinois Environmental Protection Agency Elgin Regional Office
595 South State
Elgin, Illinois 60123
(847) 608-3131

National Response Center (NRC)
1-800-424-8802

1.2 Stormwater Team

Name, Position, Company Name / Address, and Contact number	Responsibilities	I Have Completed Training Required by NPDES ILR10 Part IV.D.4	I Have Read the NPDES ILR10 and Understand the Applicable Requirements
TBD	Engineering Oversight	☐ Yes ☐ No	☐ Yes Date:
Raquel Reyes Senior Project Developer 226-338-7958 rreyes@greenwoodinfra.com	Project Developer	☐ Yes ☐ No	☐ Yes Date:
James Carlin Projec Development Associate 779-809-1070 jcarlin@greenwoodinfra.com	Project Developer	☐ Yes ☐ No	☐ Yes Date:
Tara Garani Engineer III Weston & Sampson Engineers, Inc. (978) 532-1900 garani.tara@wseinc.com	SWPPP Preparer	☐ Yes ☐ No	☐ Yes Date:

SECTION 2: SITE EVALUATION, ASSESSMENT, AND PLANNING

2.1 *Project/Site Information*

Project Name and Address

Project/Site Name: Tri-County Landfill Solar PV Development

Street/Location: 7N904 IL-25

County: Kane County

State: Illinois

ZIP Code: 60177

County or Similar Government Division: Kane County

Project Latitude/Longitude

Latitude: 41° 59' 02" N

Longitude: 88° 16' 06" W

Latitude/longitude data source: ☐ Map ☐ GPS ☒ Other (please specify): _Google Earth_

Horizontal Reference Datum: ☐ NAD 27 ☒ NAD 83 ☐ WGS 84

2.2 *Discharge Information*

Does your project/site discharge stormwater into a Municipal
Separate Storm Sewer System (MS4)?

☐ Yes ☒ No

Are there any waters of the U.S. within 50 feet of your project's earth
disturbances?

☐ Yes ☒ No

For each point of discharge, provide a point of discharge ID (a unique 3-digit ID, e.g., 001, 002), the name of the first receiving water that receives stormwater directly from the point of discharge and/or from the MS4 that the point of discharge discharges to, and the following receiving water information, if applicable:

Point of Discharge ID	Name of receiving water that receives stormwater discharge:	Is the receiving water impaired (on the CWA 303(d) list)?	If yes, list the pollutants that are causing the impairment:	Has a TMDL been completed for this receiving waterbody?	If yes, list TMDL Name and ID:	Pollutant(s) for which there is a TMDL:	Is this receiving water designated as a Tier 2, Tier 2.5, or Tier 3 water?	If yes, specify which Tier (2, 2.5, or 3)?
001	Wetland on east edge and in southeast corner of project area	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	N/A	☐ Yes ☒ No	N/A
002	Wetland on west edge of project area	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	N/A	☐ Yes ☒ No	N/A
003	Wetland in northwest corner of project area	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	N/A	☐ Yes ☒ No	N/A
004	Wetland in northeast corner of project area	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	N/A	☐ Yes ☒ No	N/A

2.3 Nature of the Construction Activities

General Description of Project

Provide a general description of the nature of your construction activities, including the age or dates of past renovations for structures that are undergoing demolition:

The proposed project will construct a ballasted ground-mounted solar photovoltaic array system at the closed and capped Tri-County Landfill located at 7N904 IL-25 in Kane County, Illinois. The Tri-County Landfill site is comprised of mainly grassed landfill cap to the west of Illinois State Route 25. A trucking company lies to the northeast of the project area, and an asphalt contractor lies to the south of the project area. Illinois State Route 25 runs along the east edge of the site, and the Illinois Prairie Path runs along the west edge. Existing wetlands run along the west, south, and east edges and in the northeast corner of the site. The proposed project consists of an approximately 5 MW AC solar tracking array covering an area of approximately 25.5 acres. The project will not require clearing. Work will include the following components:

- Installation of perimeter E&S Controls;
- Installation of temporary sedimentation controls;
- Installation of a gravel access road;
- Installation of mounting supports;
- Installation of PV modules;
- Installation of an equipment pad(s) for secondary power generation equipment;
- Installation of fence;
- Permanent seeding.

Site plans for the proposed work outlined above are included in **Appendix B**.

Size of Construction Site

Size of Property	~45.3 acres
Total Area Expected to be Disturbed by Construction Activities	~25.5 acres
Maximum Area Expected to be Disturbed at Any One Time, Including On-site and Off-site Construction Support Areas	~25.5 acres

Type of Construction Site (check all that apply):

- ☐ Single-Family Residential
 ☐ Multi-Family Residential
 ☐ Commercial
 ☐ Industrial
☐ Institutional
☐ Highway or Road
☐ Utility
☒ Other: Solar Array

Will you be discharging dewatering water from your site? ☐ Yes ☒ No

If yes, will you be discharging dewatering water from a current or former Federal or State remediation site? ☐ Yes ☐ No

Pollutant-Generating Activities

List and describe all pollutant-generating activities and indicate for each activity the associated pollutants or pollutant constituents that could be discharged in stormwater from your construction site. Take into account where potential spills and leaks could occur that contribute pollutants to stormwater discharges, and any known hazardous or toxic substances, such as PCBs and asbestos, that will be disturbed during construction.

Pollutant-Generating Activity (e.g., paving operations; concrete, paint, and stucco washout and waste disposal; solid waste storage and disposal; and dewatering operations)	Pollutants or Pollutant Constituents (e.g., sediment, fertilizers, pesticides, paints, caulks, sealants, fluorescent light ballasts, contaminated substrates, solvents, fuels)
Disturbance of soil on slopes	Soil Erosion/Sediment
Material Delivery and Storage	Sediment, nutrients, heavy metals, pH, oil & grease, trash/debris/solids
Material use during building process	Heavy metals, pH, oil & grease, trash/debris/solids
Solid Waste (trash and debris)	Construction demolition, trash/debris/solids
Construction areas	Vehicle fluids, solvents
Portable toilets	Sewage, liquid deodorizer
Vehicle/Equipment Use and Storage & Fuel tanks	Fuel oil, gasoline, and other fuels
Staging areas	Soil erosion, fuels, gasoline, vehicle fluids, antifreeze/coolant, hydraulic oil, fluids, etc.

Construction Support Activities *(only provide if applicable)*

Describe any construction support activities for the project (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas):

All supported activities will be within the defined limits of work as shown in the plans in **Appendix B** of this SWPPP.

Construction Support Activities (only provide if applicable)

Contact information for construction support activity:

Greenwood Sustainable Infrastructure LLC
134 East 40th Street
New York, NY 10016
(866) 961-8654

2.4 Sequence and Estimated Dates of Construction Activities

Phase I

Prior to Site Grading	
Estimated Start Date of Construction Activities for this Phase	To be determined. Construction dates are not yet set.
Estimated End Date of Construction Activities for this Phase	To be determined.
Estimated Date(s) of Application of Stabilization Measures for Areas of the Site Required to be Stabilized	To be determined.
Estimated Date(s) when Stormwater Controls will be Removed	To be determined.

2.5 Authorized Non-Stormwater Discharges

List of Authorized Non-Stormwater Discharges Present at the Site

Authorized Non-Stormwater Discharge (Part III.A.2.b)	Will or May Occur at Your Site?
Discharges from emergency fire-fighting activities	☒ Yes ☐ No
Fire hydrant flushings	☒ Yes ☐ No
Landscape irrigation	☐ Yes ☒ No
Water used to wash vehicles and equipment (no detergent)	☐ Yes ☒ No
Water used to control dust	☒ Yes ☐ No
Potable water including uncontaminated water line flushings	☐ Yes ☒ No
External building washdown (soaps/solvents are not used and external surfaces do not contain hazardous substances)	☐ Yes ☒ No
Pavement wash waters	☐ Yes ☒ No
Uncontaminated air conditioning or compressor condensate	☐ Yes ☒ No
Uncontaminated, non-turbid discharges of ground water or spring water	☐ Yes ☒ No
Foundation or footing drains	☐ Yes ☒ No
Uncontaminated construction dewatering water (in compliance with Part III.A.4)	☐ Yes ☒ No

2.6 *Site Maps*

Site maps can be found in **Appendix B**

SECTION 3: DOCUMENTATION OF COMPLIANCE WITH OTHER FEDERAL REQUIREMENTS

3.1 *Endangered Species Protection*

EcoCAT Results:

The documentation in **Appendix J** shows that the Illinois Department of Natural Resources has deemed that adverse effects are unlikely to occur at the Tri-County Landfill Site. The actions recommended by the Illinois Department of Natural Resources will be taken to avoid adversely impacting protected natural areas in the vicinity of the project.

3.2 *Historic Property Screening Process*

Illinois Historic Preservation Agency Results:

The documentation in Appendix K shows that no significant historic, architectural, or archaeological resources are located within the proposed project area.

3.3 *Safe Drinking Water Act Underground Injection Control Requirements*

Do you plan to install any of the following controls? Check all that apply below.

- ☐ Infiltration trenches (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)
- ☐ Commercially manufactured pre-cast or pre-built proprietary subsurface detention vaults, chambers, or other devices designed to capture and infiltrate stormwater flow
- ☐ Drywells, seepage pits, or improved sinkholes (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)

None of the above are proposed for this project.

SECTION 4: EROSION AND SEDIMENT CONTROLS AND DEWATERING PRACTICES

4.1 Natural Buffers or Equivalent Sediment Controls

Buffer Compliance Alternatives

Are there any receiving waters within 50 feet of your project's earth disturbances? ☐ YES ☒ NO

Check the compliance alternative that you have chosen:

- ☒ (i) I will provide and maintain a 50-foot undisturbed natural buffer.
(Note 1: You must show the 50-foot boundary line of the natural buffer on your site map.)
(Note 2: You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site's erosion and sediment controls. Also, show on the site map any velocity dissipation devices used to prevent erosion within the natural buffer area.)
- ☐ (ii) I will provide and maintain an undisturbed natural buffer that is less than 50 feet and is supplemented by additional erosion and sediment controls that achieve, in combination, the sediment load reduction equivalent to a 50-foot undisturbed natural buffer.
(Note 1: You must show the boundary line of the natural buffer on your site map.)
(Note 2: You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site's erosion and sediment controls. Also, show on the site map any velocity dissipation devices used to prevent erosion within the natural buffer area.)
- ☐ (iii) It is infeasible to provide and maintain an undisturbed natural buffer of any size, therefore I will implement erosion and sediment controls that achieve the sediment load reduction equivalent to a 50-foot undisturbed natural buffer.

4.2 Perimeter Controls

General

- Sediment controls shall be installed and maintained along those perimeter areas of the site that shall receive stormwater from earth-disturbing activities.

Specific Perimeter Controls

Sediment Barrier - Compost Sock	
Description: Compost socks will be placed downslope of potential disturbance activities on the landfill.	
Installation	Prior to land disturbing activities

Sediment Barrier - Compost Sock	
Maintenance Requirements	Inspection either once every 7 calendar days or every 14 calendar days and within 24 hours after every major rainfall runoff event which totals over ½ inches of precipitation. Sediment shall be removed before it has accumulated to one-half of the above-ground height of any perimeter control. After a storm event, if there is evidence of stormwater circumventing or undercutting the erosion control, repair or replace the control as needed to fix the problem
Design Specifications	Design specifications are in the plan drawings in Appendix B.

4.3 Sediment Track-Out

General

- Vehicle use shall be restricted to properly designated entrance/exit points. If needed, additional track-out controls (e.g., wheel washing rumble strips, or rattle plates) shall be installed to promote sediment removal prior to vehicle exit.
- It is prohibited to hose down or sweep soil or sediment accumulated on pavement or other impervious surfaces into any stormwater conveyance, storm drain inlet, or water of the U.S.

Specific Track-Out Controls

Stabilized Construction Entrance	
Description: A temporary stone tracking pad at least 50 feet in length will be located at a point of vehicular ingress and egress to provide a stable entrance and exit and keep mud and sediment off of public roads. The construction entrance is to be located off of IL-25. The construction entrance/exit is to be at the full width of site entrance and a minimum of 20 feet wide, made of IDOT Specification Section 1005 Gradation NO. RR2 Rock Fill and underlain by filter cloth (MIRAFI 140N or equivalent).	
Installation	Prior to earth disturbing activities
Maintenance Requirements	Where sediment has been tracked-out from the site onto paved roads, sidewalks, or other paved areas outside of the site, deposited sediment shall be removed by the end of the same business day in which the track-out occurs or by the end of the next business day if track-out occurs on a non-business day. The track-out shall be removed by sweeping, shoveling, or vacuuming these surfaces or by using other similarly effective means of sediment removal. It is prohibited to hose or sweep tracked-out sediment into any stormwater conveyance, storm drain inlet or water of the U.S. The construction entrance/exit shall be inspected weekly and after heavy rains or heavy use. If clogging of gravel pad voids occurs, the pad shall be top dressed with new stone or completely replaced. The pad shall be shaped as needed for drainage and runoff control. Any broken road pavement shall be immediately repaired.
Design Specifications	Design specifications are in the plan drawings in Appendix B.

4.4 Stockpiles or Land Clearing Debris Piles Comprised of Sediment or Soil

General

- Stockpiles shall be located outside of any natural buffers and away from any stormwater conveyances, drain inlets, and areas where stormwater flow is concentrated. Perimeter controls shall be installed along all downgradient perimeter areas. If stockpiles are to be unused for 14 or more days, cover or appropriate stabilization shall be required. It is prohibited to hose down or sweep soil or sediment accumulated on pavement or other impervious surfaces into any stormwater conveyance, storm drain inlet, or water of the U.S.

4.5 Minimize Dust

General

- Dust shall be minimized through the appropriate application of water or other dust suppression techniques.

Specific Dust Controls

Water Sprinkling	
Description: Water is sprinkled until the surface is wet. This method is effective for haul roads and other traffic routes.	
Installation	As needed.
Maintenance Requirements	Maintained by sprinkler or water truck as necessary during grading operations to minimize sediment transport and to maintain acceptable air quality conditions.
Design Specifications	Repetitive treatment will be done as needed until soils are stabilized.

Vegetative Cover – Prairie Grass	
Description: Minimize areas of disturbance as reasonably practicable. Apply seed following disturbance to vegetated areas for permanent stabilization. Most practical method for disturbed areas not subject to traffic.	
Installation	As needed.
Maintenance Requirements	Vegetation is mowed three times during year one to manage annual weed growth including noxious weeds. Year two maintenance includes three visits, one mowing and two visits using spot mowing and spraying to treat noxious weeds. Year three and beyond use spot spraying and mowing as needed.
Design Specifications	Design specifications are in the plan drawings in Appendix B .

4.6 Topsoil

General

- The vegetation will be cut as short as possible and solar panels shall be placed on top of native topsoil. The ground shall be re-seeded as necessary under the solar panels.

4.7 Storm Drain Inlets

General

- Because there are no storm drain inlets on the site that carry stormwater from the site directly to a surface water body, Part IV.D.2.c.ii of the NPDES ILR10 does not apply.

4.8 Constructed Site Drainage Features

General

- No major changes are to be made to the site drainage as the site is a closed and capped landfill.

4.9 Sediment Basins or Similar Impoundments

- Sediment Basins will not be used during this project.

4.10 Chemical Treatment

Treatment chemicals will not be used at the site.

4.11 Dewatering Practices

Dewatering practices are not expected to be implemented.

4.12 Other Stormwater Controls

No other stormwater controls will be utilized during this project.

4.13 Site Stabilization

Total Amount of Land Disturbance Occurring at Any One Time

- ☐ Five Acres or less
☒ More than Five Acres

Use this template box if you are not located in an arid, semi-arid, or drought-stricken area and are not discharging to a sediment- or nutrient-impaired water or Tier 2, Tier 2.5, or Tier 3 water.

Seeding	
☐ Vegetative ☐ Non-Vegetative ☒ Temporary ☐ Permanent	
Description: ▪ Temporary seeding or stabilization shall be provided within two weeks of the end of initial soil disturbance. All disturbed areas shall have a minimum of 4-inches of loam and seed.	
Installation	TBD
Completion	TBD
Maintenance Requirements	Maintenance shall include watering as specified, weeding, removal of stones which may appear and regular cutting of the grass no closer than 10 days apart, further maintenance requirements are in the plan drawings in Appendix B .
Design Specifications	Design specifications are in the plan drawings in Appendix B .

Permanent Seeding	
☒ <i>Vegetative</i> ☐ <i>Non-Vegetative</i> ☐ <i>Temporary</i> ☒ <i>Permanent</i>	
Description: Uniform, perennial vegetation (i.e., evenly distributed, without large bare areas) that provides 70 percent or more of the cover that is provided by vegetation native to local undisturbed areas.	
Installation	TBD
Completion	TBD
Maintenance Requirements	Seeding shall be maintained until final acceptance at the completion of the project or for 90 days, whichever is longer. Maintenance shall include watering as specified, weeding, removal of stones which may appear and regular cuttings of the grass no closer than 10 days apart. Further maintenance requirements are in the plan drawings in Appendix B.
Design Specifications	Design specifications are in the plan drawings in Appendix B.

SECTION 5: POLLUTION PREVENTION CONTROLS

5.1 *Potential Sources of Pollution*

Construction Site Pollutants

Pollutant-Generating Activity	Pollutants or Pollutant Constituents (that could be discharged if exposed to stormwater)	Location on Site (or reference SWPPP site map where this is shown)
Cleared and graded areas	Soil erosion	Within limits of disturbance
Construction area	Vehicle fluids, solvents	Within limits of disturbance
Portable Toilets	Sewage, liquid deodorizer	Portable toilet location TBD
Fuel Tanks	Fuel oil, gasoline, and other fuels	Within limits of disturbance
Staging Areas	Soil erosion, fuel oil, gasoline, vehicle fluids, antifreeze/coolant, hydraulic oil/fluids, etc.	Staging areas TBD
Waste storage in Containers	Construction demolition debris, trash	Waste storage location TBD

5.2 *Spill Prevention and Response*

In accordance with Part IV.D.2.f of the NPDES ILR10, this section describes procedures to prevent and respond to leaks, spills, and other releases.

The following good housekeeping and material management practices will be followed to reduce the risk of spills or other accidental exposure of hazardous materials to storm water runoff:

- Store quantities of materials required for the project and not more,
- Store materials onsite in a neat, orderly manner in appropriate labeled containers,
- Store materials indoors or under cover,
- Follow manufacturers' recommendations for proper use and disposal of materials,
- Monitor all onsite vehicles for leaks and perform preventive maintenance to reduce the potential for leaks,
- Conduct vehicle fueling and maintenance activities in a controlled or covered area or off-site, when possible,
- Use drip pans or absorbents under or around leaky vehicles.
- Manufacturers' recommended methods for spill cleanup shall be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Adequate supplies of spill kit materials and equipment shall be kept in the hazardous material storage area and any on-site fueling and maintenance areas on-site. Spill kit equipment and materials shall include but not be limited to: spill pads, absorbent booms, brooms, dust pans, mops, rags, gloves, goggles, speedy-dry, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.

If an emergency spill or release occurs, site personnel will report the spill or release to the Contractor's Site Health and Safety Officer (SHSO), the Resident Engineer, and/or site management and, as needed, evacuate the area.

If a spill occurs, the SHSO and/or site management shall be contacted and the SHSO and/or site management with assistance from appropriately trained personnel will contain the spill. If necessary, the SHSO and/or site management will contact an emergency response contractor and will also notify the Engineer and all other authorities and agencies in accordance with state and local regulations. Absorptive materials and other supplies will be used as needed to clean up and prevent the spill from spreading. The source of the spill shall be eliminated immediately. Water shall not be used to wash the spill down. Recycled oil and oily wastes shall be disposed of in accordance with all applicable federal, state, tribal, and local requirements.

In the event that an accident or some other incident, such as an explosion, a release to groundwater or the environment, or an exposure to toxic chemical levels as described in the Illinois Emergency Management Agency Guidelines, occurs during the course of the project, notify the Illinois Environmental Protection Agency in Elgin **(847) 608-3131** and all other appropriate federal, state, and local authorities and agencies in accordance with Illinois Emergency Management Agency Guidelines.

The local Fire Department should be notified of any releases or incidents at **911** for emergencies.

5.3 Fueling and Maintenance of Equipment or Vehicles

Discharge of spilled or leaked chemicals, including fuels and oils, used for equipment and vehicle fueling and maintenance are prohibited.

If vehicle fueling and maintenance activities are completed onsite, an effective means of eliminating the discharge of spilled or leaked chemicals, including fuel, must be provided. Examples of effective controls include, but are not limited to, locating activities away from surface waters and stormwater inlets or conveyances, providing secondary containment (e.g., *spill berms, decks, spill containment pallets*) and cover where appropriate, and/or having spill kits readily available.

- Ensure adequate supplies are available at all times to handle spills, leaks, and disposal of used liquids;
- Use drip pans and absorbents under or around leaky vehicles;
- Dispose of or recycle oil and oily wastes in accordance with other federal, state, tribal, or local requirements;
- Clean up spills or contaminated surfaces immediately, using dry clean up measures where possible, and eliminate the source of the spill to prevent a discharge or a furtherance of an ongoing discharge; and
- Do not clean surfaces by hosing the area down.
- If applicable, the Operator shall comply with the Spill Prevention Control and Countermeasures (SPCC) requirements in 40 CFR 112 and Section 311 of the Clean Water Act.

5.4 Washing of Equipment and Vehicles

In accordance with Part IV.D.2.f of the NPDES ILR10, soaps, solvents, or detergents shall not be used for equipment and vehicle washing. Discharge of pollutants from equipment and vehicle washing, wheel wash water, and other types of wash waters shall be minimized through effective means such as using filtration devices, such as filter bags or sand filters, or using other similarly effective controls.

5.5 Storage, Handling, and Disposal of Building Products, Materials, and Wastes

5.5.1 Building Products

Building products, such as asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures, etc., will not be used as part of this project.

5.5.2 Pesticides, Herbicides, Insecticides, Fertilizers, and Landscape Materials

General

Pesticides, herbicides, insecticides, and landscape materials shall be stored in designated storage areas and provided with either (1) a cover (plastic sheeting, temporary roofs) to minimize the exposure of these chemicals to stormwater **OR** (2) a similarly effective means to minimize the discharge of pollutants from these areas. These chemicals should also be applied and disposed of according to the instructions on the respective labels.

5.5.3 Diesel Fuel, Oil, Hydraulic Fluids, Other Petroleum Products, and Other Chemicals

General

Chemicals will be stored in water-tight containers, which will be covered by plastic sheeting, temporary roofs, or other suitable means to minimize exposure of these containers to precipitation and stormwater. If cover is not provided, then secondary containment (e.g., spill berms, decks, and spill containment pallets) shall be used, and spill kits shall be readily accessible.

Spills shall be cleaned up immediately in accordance with the Spill Prevention and Response Plan in Section 5.2 of this SWPPP.

5.5.4 Hazardous or Toxic Waste

(Note: Examples include paints, caulks, sealants, fluorescent light ballasts, solvents, petroleum-based products, wood preservatives, additives, curing compounds, and acids.)

General

Hazardous or toxic waste will be separated from construction and domestic waste. These materials will be stored in sealed and labelled suitable containers to prevent leakage and corrosion. These materials will be stored with secondary containment or other effective means of preventing discharge of pollutants if stored outdoors. These materials will be disposed of in accordance with the manufacturers' recommended methods of disposal. Spills will be cleaned up immediately using dry clean-up methods and materials will be disposed of properly. These materials will be stored in compliance with and will follow all applicable RCRA and all other applicable Federal, State, Tribal or local requirements.

5.5.5 Construction and Domestic Waste

(Note: Examples include packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, Styrofoam, concrete, demolition debris, and other trash or discarded materials.)

General

Waste containers of sufficient size and number to contain construction and domestic wastes shall be provided. Waste container lids shall be closed when not in use and at the end of the business day. Cover (e.g., a tarp, plastic sheeting, temporary roof) or a similarly effective means to minimize the discharge of pollutants shall be required for waste containers without lids. Waste shall be cleaned up and disposed of in designated waste containers on business days. If waste containers overflow, waste shall be cleaned up immediately.

5.5.6 Sanitary Waste

General

Portable toilets will be positioned so that they are secure and will not be tipped or knocked over. Portable toilets will be located away from receiving waters, storm drain inlets, and constructed or natural site drainage features.

5.6 Application of Fertilizer

General

Hydroseeding and/or manually spread seeding methods will be used as part of this solar installation. The operator is to ensure that:

- a. Apply at a rate and in amounts consistent with manufacturer's specifications, or document in the SWPPP departures from the manufacturer specifications where appropriate in accordance with Part 7.2.6.b.ix;
- b. Apply at the appropriate time of year for your location, and preferably timed to coincide as closely as possible to the period of maximum vegetation uptake and growth;
- c. Avoid applying before heavy rains that could cause excess nutrients to be discharged;
- d. Never apply to frozen ground;
- e. Never apply to stormwater conveyance channels; and
- f. Follow all other federal, state, tribal, and local requirements regarding fertilizer application.

5.7 Other Pollution Prevention Practices

General

No other practices will be used at this site.

SECTION 6: INSPECTION, MAINTENANCE, AND CORRECTIVE ACTION

6.1 Inspection Personnel and Procedures

Site Inspection Schedule

Select the inspection frequency(ies) that applies, based on NPDES ILR10 Part IV.D.4.a-h

Standard Frequency:

- ☒ Every 7 calendar days and within 24 hours of the end of a storm or by the end of the following business or work day:
- A storm event that produces 0.5 inches or more of rain within a 24-hour duration (including when there are multiple, smaller storms that alone produce less than 0.5 inches but together produce 0.5 inches or more in 24 hours)

Areas inaccessible during inspections due to flooding or other unsafe conditions shall be inspected within 72 hours of becoming accessible

Reduced Frequency (if applicable)

For frozen conditions (ground and air temperatures are below 32°F) where construction activities are being conducted

- ☐ Once per month

Insert beginning and ending dates of frozen conditions on your site:

- Beginning date of frozen conditions: Insert approximate date
- Ending date of frozen conditions: Insert approximate date

Dewatering Inspection Schedule

Dewatering is not expected at this project.

Dewatering Inspection

☐ During the discharge, once per day on which the discharge occurs and record the following in a report within 24 hours of completing the inspection:

- The inspection date
- Names and titles of personnel performing the inspection
- Approximate times that the dewatering discharge began and ended on the day of inspection
- Estimates of the rate (in gallons per day) of discharge on the day of inspection;
- Whether or not any of the following indications of pollutant discharge were observed at the point of discharge:
 - A sediment Plume
 - Suspended solids
 - Unusual color
 - Presence of odor
 - Decreased clarity, or presence of foam, and/or
 - Visible sheen on the water surface or visible oily deposits on the bottom or shoreline of the receiving water

Rain Gauge Location

For determining whether a rain event of 0.5 inches or greater has occurred, the weather at Martin Station in South Elgin, Illinois will be used (**Station ID KILSOUTH18**). Data is available online: [Personal Weather Station Dashboard | Weather Underground \(wunderground.com\)](#)

Inspection Report Forms

A copy of the inspection report can be found in **Appendix D**.

6.2 Corrective Action

Corrective Actions shall be completed in accordance with NPDES ILR10 Part IV.5.5

Corrective action must be taken to address any of the following conditions identified at the site:

- Stormwater control needs repair or replacement, or
- A stormwater control necessary to comply with the requirements of the CGP was never installed, or was installed incorrectly; or
- A discharge is causing an exceedance of applicable water quality standards, or
- A prohibited discharge has occurred.

Personnel Responsible for Corrective Actions

Curran Contracting and/or Aldridge Electric

Corrective Action Logs

A copy of the corrective action form can be found in **Appendix E**.

Corrective Actions shall be completed as soon as possible and documented within 7 days in an Inspection Report or report of noncompliance. If it is infeasible to complete the installation or repair within seven calendar days, you must document in your records why it is infeasible to complete the installation or repair within the 7-day timeframe and document your schedule for installing the stormwater control(s) and making it operational as soon as feasible after the 7-day timeframe.

In the event that maintenance is required for the same stormwater control at the same location three or more times, the control shall be repaired in a manner that prevents continued failure to the extent feasible, and you must document the condition and how it was repaired in your records. Alternatively, you must document in your records why the specific reoccurrence of this same issue should continue to be addressed as a routine maintenance fix.

SECTION 7: TURBIDITY BENCHMARK MONITORING FOR DEWATERING DISCHARGES

No dewatering is anticipated at this site.

SECTION 8: CERTIFICATION AND NOTIFICATION

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Name: _____ Title: _____

Signature: _____ Date: _____

Company: _____ Telephone: _____

Address: _____

[Repeat as needed for multiple construction contractors and subcontractors at the site.]

Appendix A – Copy of 2023 NPDES Permit No. ILR10

Appendix B – Site Maps

Appendix C – eNOI Authorization

Appendix D – Inspection Form

Appendix E – Corrective Action Form

Appendix F – SWPPP Amendment Log

Appendix G – Subcontractor Certifications

Appendix H – Grading and Stabilization Log

Appendix I – Training Log

Appendix J – Endangered Species Documentation

Appendix K – Historic Documentation

Appendix L – Rain Gauge Log

Use the table below to record the rainfall gauge readings at the beginning and end of each work day. An example table follows.

Month/Year			Month/Year			Month/Year		
Day	Start	End time	Day	Start	End time	Day	Start time	End time
1			1			1		
2			2			2		
3			3			3		
4			4			4		
5			5			5		
6			6			6		
7			7			7		
8			8			8		
9			9			9		
10			10			10		
11			11			11		
12			12			12		
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19			19			19		
20			20			20		
21			21			21		
22			22			22		
23			23			23		
24			24			24		
25			25			25		
26			26			26		
27			27			27		
28			28			28		
29			29			29		
30			30			30		
31			31			31		

Example Rainfall Gauge Recording

April 2022			May 2022			June 2022		
Day	7:00 am	4:400	Day	7:00 am	4:00 pm	Day	7:00 am	4:00 pm
1	--	--	1	0.2	0	1	0	0.4
2	--	--	2	0	0	2	0	0
3	0	0	3	0.1	0.3	3	--	--
4	0	0.3	4	0	0	4	--	--
5	0	0	5	0	0	5	0	0

In this example (for only partial months), 0.25-inch rainfall inspections would have been conducted on April 4 and June 1.