



EARTH DYNAMICS

46 Bradbury Lane, Coventry, CT 06238
(O) (860) 498-7448 ~ Email: earthdynamicsllc@gmail.com

EARTH DYNAMICS SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN

Project: Greenskies Renewable Energy:
Phase 1 Photovoltaic Installation Site Work,
117 Oil Mill Road, Waterford, CT 06385.

Potential Construction Site Pollutants:

Pollutant-Generating Activity	Pollutants or Pollutant Constituents (That could be discharged if exposed to stormwater)	Location on Site
Equipment Re-fueling	Diesel Fuel, Gasoline	Staging Area
Leaking or Broken Hydraulic Lines	Hydraulic Oil	Construction Work Areas and
Minor Equipment Maintenance	Diesel Fuel, Gasoline, Hydraulic Oil, Motor Oil, Anti- Freeze	Staging Area
Vehicle Accident	Diesel Fuel, Gasoline	Entire Site

Spill Prevention and Response:

In accordance with 40 CFR 112, a Spill Prevention, Control and Countermeasure (SPCC) Plan is required for non-transportation related facilities with an aboveground oil storage capacity greater than 1,320 gallons. For construction projects, the SPCC Plan threshold is typically triggered when diesel fuel, hydraulic oil, lubricating oil, gasoline, and/or other oil products are stored on site, and the cumulative volume of the aboveground storage of these oil products exceeds 1,320 gallons.

For this project, the proposed aboveground oil storage capacity will not exceed 1,320 gallons. As such, an SPCC Plan is not required. However, this modified plan is offered to describe best management practices for fuel storage, equipment refueling and spill management at the construction site. Should a spill or release incident occur, Earth Dynamics LLC in consultation with the Spill Coordinator will make necessary arrangements to notify the Connecticut DEEP and Emergency Response Contractor and complete the Spill Incident Log included in Appendix B.



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Emergency Spill Notification Procedures:

All leaks, spills, and releases, regardless of size or quantity, will be reported to the spill coordinator or assistant spill coordinator. The coordinator will decide appropriate response actions, reporting requirements, and assign personnel to address the situation.

The Connecticut Department of Energy and Environmental Protection (CT DEEP) must be notified as soon as there is knowledge of a leak, spill, or release of oil or hazardous material.

Earth Dynamics LLC emergency spill notification contact information is provided below:

Earth Dynamics Spill Coordinator: JB Kaldy – (860) 221-5535

Earth Dynamics Alternate Spill Coordinator: Brian Jones – (860) 933-9188

Connecticut DEEP (Spill Reporting Line, Emergency Response Unit) Phone: 860-424-3338 or toll-free 1-866-337-7745 (24-hour line)

Local Emergency Contacts: Emergency - Dial 911

Local Fire Department(s): Oswegatchie FD – 441 Boston Post Rd, Waterford

(860)442-0666

Flanders FD – 151 Boston Post Rd, East Lyme

(860)739-6968

Emergency Response Contractors: Please see attached CT DEEP listing at end of document.

Fueling and Maintenance of Equipment or Vehicles:

General:

Equipment fueling and maintenance will be conducted in a supervised manner to reduce the possibility of spills onto the permeable ground surface. Spills and releases will be contained and cleaned immediately using sorbent materials or other appropriate methods. Hosing down a spill or release is not permitted, as the runoff could enter a storm drain inlet and impact receiving waters. Spills of any quantity require notification to the Spill Coordinator, and the Connecticut DEEP as described in our section for Spill Prevention and Response.



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Specific Pollution Prevention Practices:

- A. Leaky vehicles and equipment will not be allowed on site.
- B. Vehicles and Equipment that are determined to be leaking will be removed from the site for repairs.
- C. All Leaks, fuel overfills, and spills will be contained and cleaned up immediately.

Inspect construction vehicles daily and repair any leaks immediately.

- Light construction support vehicles will be fueled off site at a service station. Construction equipment will be fueled on site in a supervised manner to avoid overfills and spills. The equipment will be filled from either a portable fuel tank staged on site equipped with secondary containment, within the bed of a pickup truck, or from a fuel delivery truck. The equipment operator and/or designated fueling personnel will be present during the entire fueling operation to minimize the potential for a spill or overfill.

Throughout the project duration.

Inspect construction vehicles daily and repair any leaks immediately.

- All leaks or spills will be contained and cleaned up immediately using sorbent materials or other appropriate methods, and the source of the release will be repaired or eliminated.
Note that any quantity of spilled fuel requires immediate notification to the Connecticut DEEP. Refer to Emergency Spill Notification Procedures.

At the start of the project and as needed thereafter during the project duration.

- The fuel supplier and re-fueling vehicle will have spill kits containing a sufficient supply of pads, booms, sorbent material shovels, and empty drums (if needed for placement of spent sorbent material used during the cleanup) will be maintained within the staging area.

At the start of the project and as needed thereafter during the project duration.

- Personnel will be trained on spill notification requirements, and the location and use of spill kits.

At the start of the project and as needed thereafter during the project duration.

- Disposal and/or recycling of spent sorbent materials, oil, or oily waste will be performed in accordance with local, state, and federal regulations.

As needed during the project duration.



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Spill Incident Log

Date:
Description of Activity when Spill was Discovered:
Description of Remediation Measure, Location, Contacts Made, and CT DEEP Spill Notification Number:
Follow - up Actions and Resolution/Remediation Details:



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