

### Spill Prevention and Response Plans

A "Spill Plan" is not specifically required by Ecology's construction stormwater permit or the DEQ 1200C permit.

It is a requirement to implement and maintain pollution control measures. (Section S9.9 - DOE and Section 7.ei-DEQ)

To meet this requirement a Spill Plan should be developed and implemented in the event of a release of hazardous substances on the jobsite.

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### The components of the plan include:

- Prevention / Contingency Planning
- Identifying environmentally sensitive areas that may be affected by a spill or release.
- Identification response to a Major and Minor spill or release
- Reporting Requirements

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### Spill response should:

1. First Protect Workers
2. Contain the Spill
3. Clean up the site

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**Spill Plan Checklist:**

Identify the following:

- Maintenance and refueling areas
- Hazardous material storage areas
- Locations of spill prevention kits and containment devices and measures

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**Determine the types of Hazardous Materials on site...**

Devise containment and clean up procedures



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**Spill Prevention and Response Plans**



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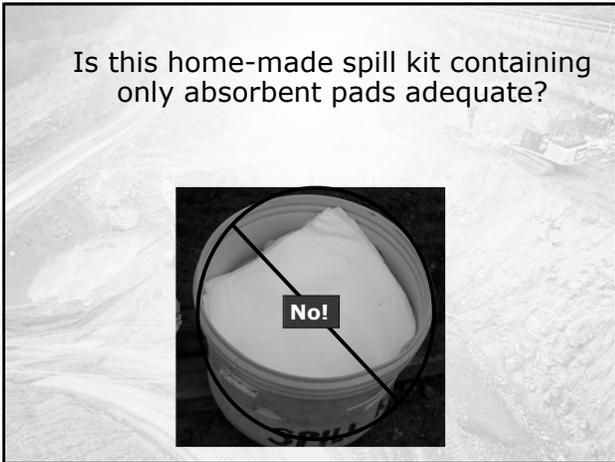
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Ensure locations of spill kits clearly are marked and employees know spill kit locations



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Employee training on proper spill response procedures is a must.

Spills should be contained by first using absorbent booms; followed by pads and other measures.



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Larger kits should be centrally located with smaller kits spill kits located at various locations.

Number of small spill kits should be based on amount of equipment on site; one spill kit may not be enough



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Require suppliers & sub-contractors to provide spill kits



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Select spill kits based on equipment size



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Having "5 gallon bucket" sized spill kits on board equipment in case of emergencies is very good idea for quick spill response.



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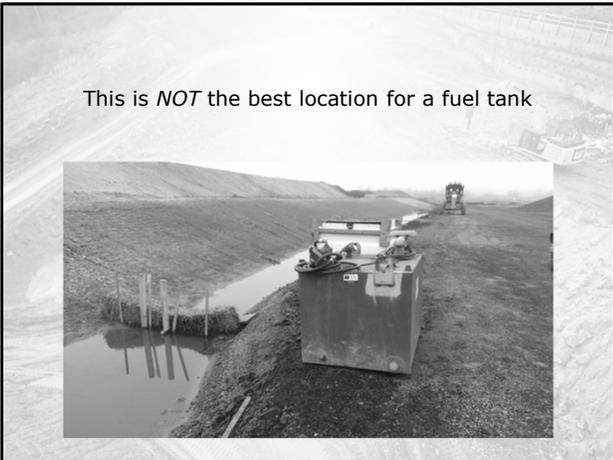
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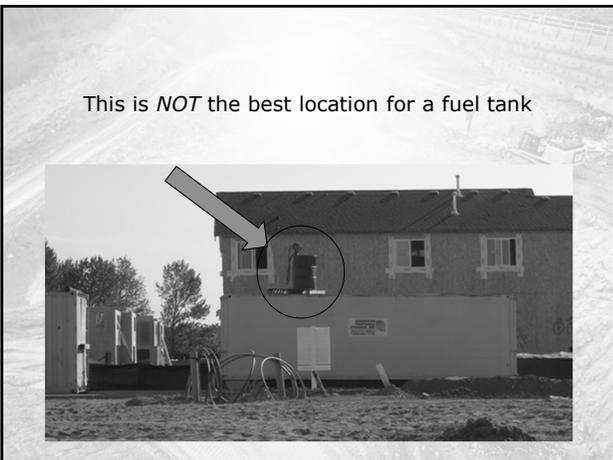
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Mobile fueling should be considered rather than on site fuel storage



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Be aware of local site specific requirements

In this instance, no equipment was allowed to be left on site over night until pavement was installed...

**CONDITIONS OF WORK IN PROXIMITY OF CITY WELL NO. 5:**

1. DURING THE CONSTRUCTION PHASE, ALL FLUIDS (E.G. FUELS, SOLVENTS, PAINTS) THAT NORMALLY COME WITH A LABEL WARNING OF THEIR TOXICITY MUST NOT BE STORED CLOSER THAN 1,000 FEET OF WELL 5.
2. TREATED LUMBER SHALL NOT BE LEFT IN PLACE BELOW A DEPTH OF 8 FEET WITHIN 1,000 FEET OF WELL 5. TEMPORARY USE OF TREATED LUMBER SHALL NOT EXCEED A DEPTH OF 12 FEET BELOW GRADE. NON-TREATED LUMBER SHOULD BE USED IF THESE CONDITIONS APPLY.
3. THE RELEASE AGENT FOR CONCRETE FORMS MUST BE NON-TOXIC WITHIN 1,000 FEET OF WELL NO. 5.
4. DURING CONSTRUCTION ALL REFUELING AND EQUIPMENT STORAGE AREAS AND OTHER POTENTIALLY HAZARDOUS OPERATIONS AND CHEMICALS SHALL BE LOCATED AS FAR AWAY FROM THE CITY WELL AS FEASIBLE. 1,000 FEET MINIMUM, AND SHALL OCCUR IN DESIGNATED AREAS WHICH SHALL HAVE AN UNDERLYING IMPERMEABLE LINER OR SOIL LAYER. RUNOFF SHALL BE ROUTED THROUGH AN OIL/WATER SEPARATOR AND BE DISCHARGED (TIGHTLINED) TO THE EXISTING 48" TRUNKLINE.
5. DISCHARGEMENTS FROM DEMOLITION ACTIVITIES DISCHARGED FROM THE SITE MUST MEET THE CITY STANDARD FOR WATER QUALITY. 30-MINUTING ACTIVITY DISCHARGE TO CITY STORM DRAINS MUST NOT EXCEED 50 NTU'S.

Title: COMPOSITE SITE PLAN  
 REDMOND CROSSINGS  
 180TH AVENUE N.E. AND N.E. 76TH STREET  
 REDMOND, WASHINGTON

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Containment devices for on site fueling



www.spillcontainment.com



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It is a water quality violation for a cleaning product or residual to reach "waters of the state"

Recover all cleaning product and wastewater generated from pressure washing with a vacuum or vacor truck



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Vehicle parking, porta-john placement, and chemical storage should not be located on future infiltration areas



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Using commercially available containment structures can solve many on site problems, however, this application lacks cover



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### Identifying a "Minor Spill"

Can be cleaned up by on-site personnel without health risk

- Broken Hydraulic lines
- Small fuel or solvent spills



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### Identifying a Major or Emergency Spill

Cannot contain spill with on-site resources



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### Identifying a Major or Emergency Spill

- Risk to Health
- Damage to the environment
- Spill or release to water



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**Incident Reporting**

All spills are to be reported to CESCL and/or Spill Control Lead

All spills are to be recorded along with the cleanup and disposal actions in a reporting log book

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**Incident Reporting - Washington**

Spills of oil, **including plant-based oils (vegetable, corn, and soybean)** or other hazardous materials to state waters or grounds must be reported regardless of the size of the spill.

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**Incident Reporting - Washington**

Ecology

Southwest Region  
360-407-6300

Northwest Region  
425-649-7000

Central Region  
509-575-2490

Eastern Region  
509-329-3400



Minor Spill notify Ecology Regional Office Only

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### Incident Reporting - Washington

Major Spills reports to :

National Response Center :

1-800-424-8802

Washington Emergency Management Division:

1-800-258-5990 -OR- 1-800-OILS-911



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### Incident Reporting - Oregon

Per OAR 340-142-0050

- Discharged or likely to discharge that would produce a visible film, sheen,
- Spilled on the surface of the land, any quantity of oil over 42 gallons

[www.oregon.gov/deq/FilterDocs/SpillReleaseReportForm.pdf](http://www.oregon.gov/deq/FilterDocs/SpillReleaseReportForm.pdf)

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### Incident Reporting - Oregon

Spill that result in:

- Death
- Hospitalization
- Property damage in excess of \$50,000

Must be reported by telephone to :

The National Response Center (NRC)

800-424-8802

and

- Oregon Emergency Response System (OERS) 800-452-0311

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**Incident Reporting - Idaho**

Spill that result in:

- Death
- Hospitalization
- Property damage

Must be reported by telephone to :

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

and

Idaho Communication Center at  
(800) 632- 8000 or (208) 846-7610

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**Spill Reporting**

Report the following information:

- Where is the spill?
- What was spilled?
- How much spilled?
- How concentrated is the spilled material?
- Who spilled the material?

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**Spill Reporting**

Report the following information:

- Is anyone cleaning up the spill?
- Are there resource damages (e.g. dead fish or oiled birds)?
- Who is reporting the spill?
- Your contact information

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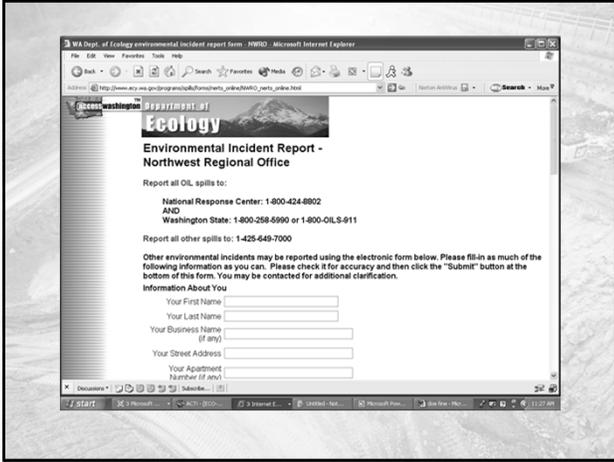
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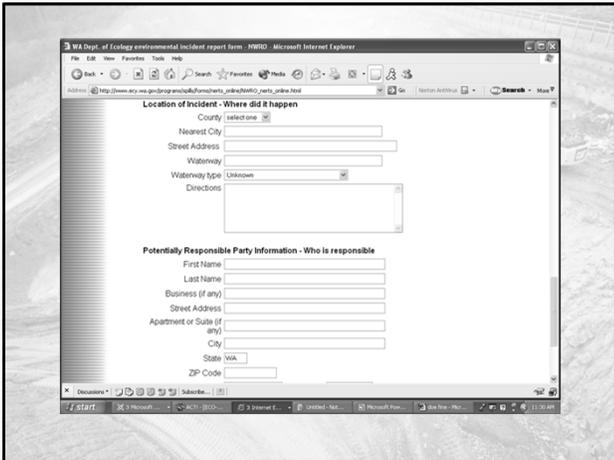
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