April 3, 2019
PKWD-19-037

Carol F. Serdar, LG
Hydropower WQ Compliance Manager and
Contaminated Construction Stormwater Inspector
WA Department of Ecology - SWRO
Water Quality Program - Watershed Resources Unit
PO Box 47775
Olympia, WA 98504-7775

Dear Ms. Serdar;

Subject: PACKWOOD LAKE HYDROELECTRIC PROJECT
WASHINGTON DEPARTMENT OF ECOLOGY
CERTIFICATION ORDER NO. 6499
GENERAL OIL SPILL PREVENTION AND CONTROL CONDITIONS

References: Letter dated July 24, 2009; Garin Schrieve, Washington Department of Ecology to Dan Ross, Energy Northwest, “401 Certification of the Packwood Lake HydroPower Project”

Federal Energy Regulatory Commission (FERC) Docket No. P-2244

Energy Northwest hereby submits to Washington Department of Ecology (WDOE) an oil inventory list and diagrams of the Packwood Lake Hydroelectric Project, as required by WDOE’s Certification Order No. 6499.

The inventory list provides the location, container type, number of containers, container volume, total shell volume, spill potential, material type, PCB content, and direction of flow for the Project’s containers and oil-filled operating equipment greater than 55 gallons.

The diagrams note the location of the containers and oil-filled equipment and indications of the general oil spill flow direction.
PACKWOOD LAKE HYDROELECTRIC PROJECT
WASHINGTON DEPARTMENT OF ECOLOGY
CERTIFICATION ORDER NO. 6499
GENERAL OIL SPILL PREVENTION AND CONTROL CONDITIONS

If you have any questions or require additional information regarding this matter, please contact me at 509.377.8486 or at kwwilliams@energy-northwest.com.

Respectfully,

[Signature]
Ken Williams
Supervisor, Hydro & Wind Projects

Attachments:
1) Project inventory
2) Project diagrams
   a. Intake Structure
   b. Switchyard
   c. Powerhouse
   d. Warehouse
<table>
<thead>
<tr>
<th>Location</th>
<th>Container Type</th>
<th>Containers</th>
<th>Container Volume</th>
<th>Total Shell Volume</th>
<th>Spill Potential</th>
<th>Material Type</th>
<th>PCB Content</th>
<th>Direction of Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intake Structure</td>
<td>Head gate hydraulic unit</td>
<td>1</td>
<td>≤95 gallons</td>
<td>95 gallons</td>
<td>Low potential</td>
<td>Mobile DTE Oil</td>
<td>None</td>
<td>Inside containment equipped with drain line to a capture barrel</td>
</tr>
<tr>
<td></td>
<td>Standby diesel generator</td>
<td>1</td>
<td>≤100 gallons</td>
<td>100 gallons</td>
<td>Low potential</td>
<td>Diesel</td>
<td>None</td>
<td>Self-contained</td>
</tr>
<tr>
<td>Switchyard</td>
<td>Main transformer</td>
<td>1</td>
<td>3794 gallons</td>
<td>3794 gallons</td>
<td>Low potential</td>
<td>Mineral Oil</td>
<td>None</td>
<td>To surrounding area designed to absorb effluent</td>
</tr>
<tr>
<td></td>
<td>Station service distribution transformer</td>
<td>1</td>
<td>82 gallons</td>
<td>82 gallons</td>
<td>Low potential</td>
<td>Mineral Oil</td>
<td>None</td>
<td>To surrounding area designed to absorb effluent to holding tank</td>
</tr>
<tr>
<td>Powerhouse</td>
<td>Grounding transformer</td>
<td>1</td>
<td>100 gallons</td>
<td>100 gallons</td>
<td>Low potential</td>
<td>Mineral Oil</td>
<td>None</td>
<td>Directed to oil sump; all floor drains plugged</td>
</tr>
<tr>
<td></td>
<td>Generator lube oil tank</td>
<td>1</td>
<td>585 gallons</td>
<td>600 gallons</td>
<td>Low potential</td>
<td>Oil</td>
<td>None</td>
<td>Directed to oil sump; all floor drains plugged</td>
</tr>
<tr>
<td></td>
<td>Governor oil system</td>
<td>1</td>
<td>600 gallons</td>
<td>650 gallons</td>
<td>Low potential</td>
<td>Oil</td>
<td>None</td>
<td>Directed to oil sump; all floor drains plugged</td>
</tr>
<tr>
<td></td>
<td>Lead (sulfuric) acid battery bank</td>
<td>1</td>
<td>163 gallons</td>
<td>163 gallons</td>
<td>Low potential</td>
<td>Sulfuric Acid Electrolyte</td>
<td>None</td>
<td>Bermed. Drain cover available; floor drain goes to the stilling basin</td>
</tr>
<tr>
<td>Warehouse</td>
<td>Oil drums - new</td>
<td>2</td>
<td>≤55 gallons each</td>
<td>55 gallons each</td>
<td>Low potential</td>
<td>Oil</td>
<td>None</td>
<td>Containment skids per drum</td>
</tr>
<tr>
<td></td>
<td>Standby diesel generator</td>
<td>1</td>
<td>≤160 gallons</td>
<td>160 gallons</td>
<td>Low potential</td>
<td>Diesel</td>
<td>None</td>
<td>Self-contained</td>
</tr>
</tbody>
</table>