

WAC 173-182-348 Determining effective daily recovery capacity.

(1) Plan holders and PRCs that own recovery equipment shall request an EDRC using the following procedures and the criteria in Title 33 C.F.R. 155, Appendix B, Section 6, "Determining Effective Daily Recovery Capacity for Oil Recovery Devices."

(2) When calculating the EDRC, the formula $R = T \times 24 \text{ hours} \times E$ will be used.

R = Effective daily recovery capacity

T = Throughput rate in barrels per hour (nameplate capacity)

E = 20 percent (efficiency factor).

(3) Equipment owners may request an alternative EDRC by providing all of the following information:

(a) A description of the recovery system which includes skimmer, boom, pump, work boats, and storage associated with the device;

(b) Description of deployment methods that will be used to enhance the recovery system to maximize oil encounter rate during spills;

(c) Documented performance during verified spill incidents; and

(d) Documentation of laboratory testing using ASTM standard methods (ASTM F 631-15) or equivalent test approved by the U.S. Coast Guard.

(4) The following formula will be used to calculate the effective daily recovery capacity for this alternative approach:

$R = D \times U$

R = Effective daily recovery capacity

D = Average oil recovery throughput rate in barrels per hour

U = 10 (hours of operation). 10 hours is used for potential limitations due to available daylight, weather, sea state, and percentage of emulsified oil in the recovered material.

EDRC is limited to the storage capacity of the proposed recovery system.

For each skimming system identify the oil storage associated with each recovery system. State the storage capacity integral to the oil recovery system, if applicable. Describe how recovered oil is to be transported to/from interim storage.

[Statutory Authority: RCW 88.46.0601, 88.46.060, 88.46.120, 88.46.068, 90.56.2101, 90.56.210, 90.56.240, 90.56.569, 90.56.050, and 90.56.005. WSR 20-01-165 (Order 18-10), § 173-182-348, filed 12/18/19, effective 1/18/20. Statutory Authority: Chapters 88.46, 90.56, and 90.48 RCW. WSR 06-20-035 (Order 00-03), § 173-182-348, filed 9/25/06, effective 10/26/06.]