

## NOTES

- Statistical results based on independent spills occurring every 6 hours from January 01 00:00 to March 31 23:00, for a total of 364 independent spills.
- Probability of oil presence is the percentage of simulations in which oil was present at a given location.
- Tracking time for each spill was 15 days.

STATUS  
ISSUED FOR REVIEW

CLIENT

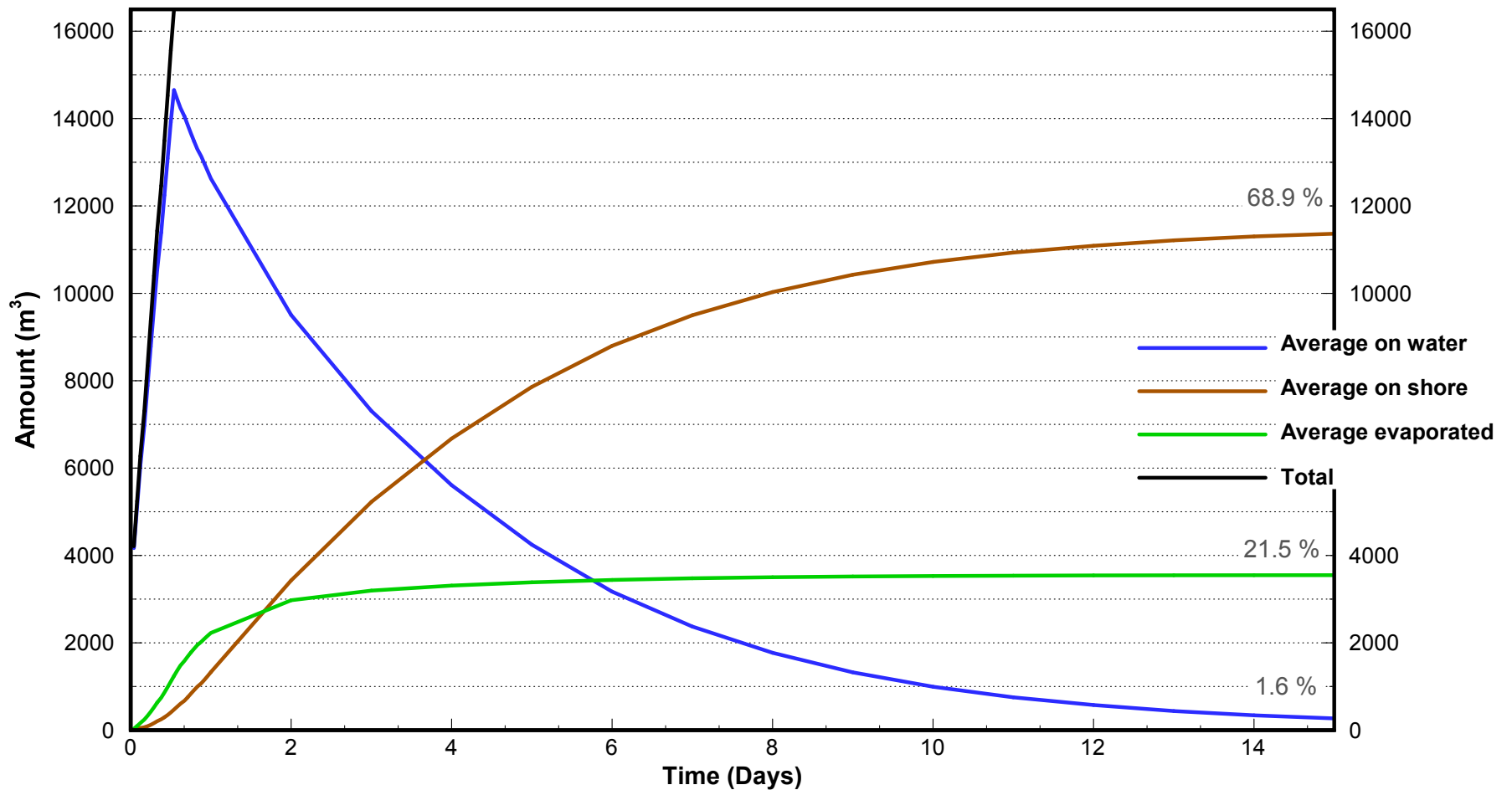


## TRANS MOUNTAIN OIL SPILL STUDY

**Stochastic Simulation**  
**Winter 2012, Site E (16,500 m<sup>3</sup>)**  
**Shoreline Oiled Probability**

<b>PROJECT NO.</b> V13203022	<b>DWN</b> AH	<b>CKD</b> JAS	<b>APVD</b> -	<b>REV</b> 0
<b>OFFICE</b> EBA-VANC	<b>DATE</b> October 7, 2013			

**Figure E.1-3**



## NOTES

- Statistical results based on independent spills occurring every 6 hours from January 01 00:00 to March 31 23:00, for a total of 364 independent spills.
- Tracking time for each spill was 15 days.
- The major components of the mass balance are shown above.

STATUS  
ISSUED FOR REVIEW

CLIENT

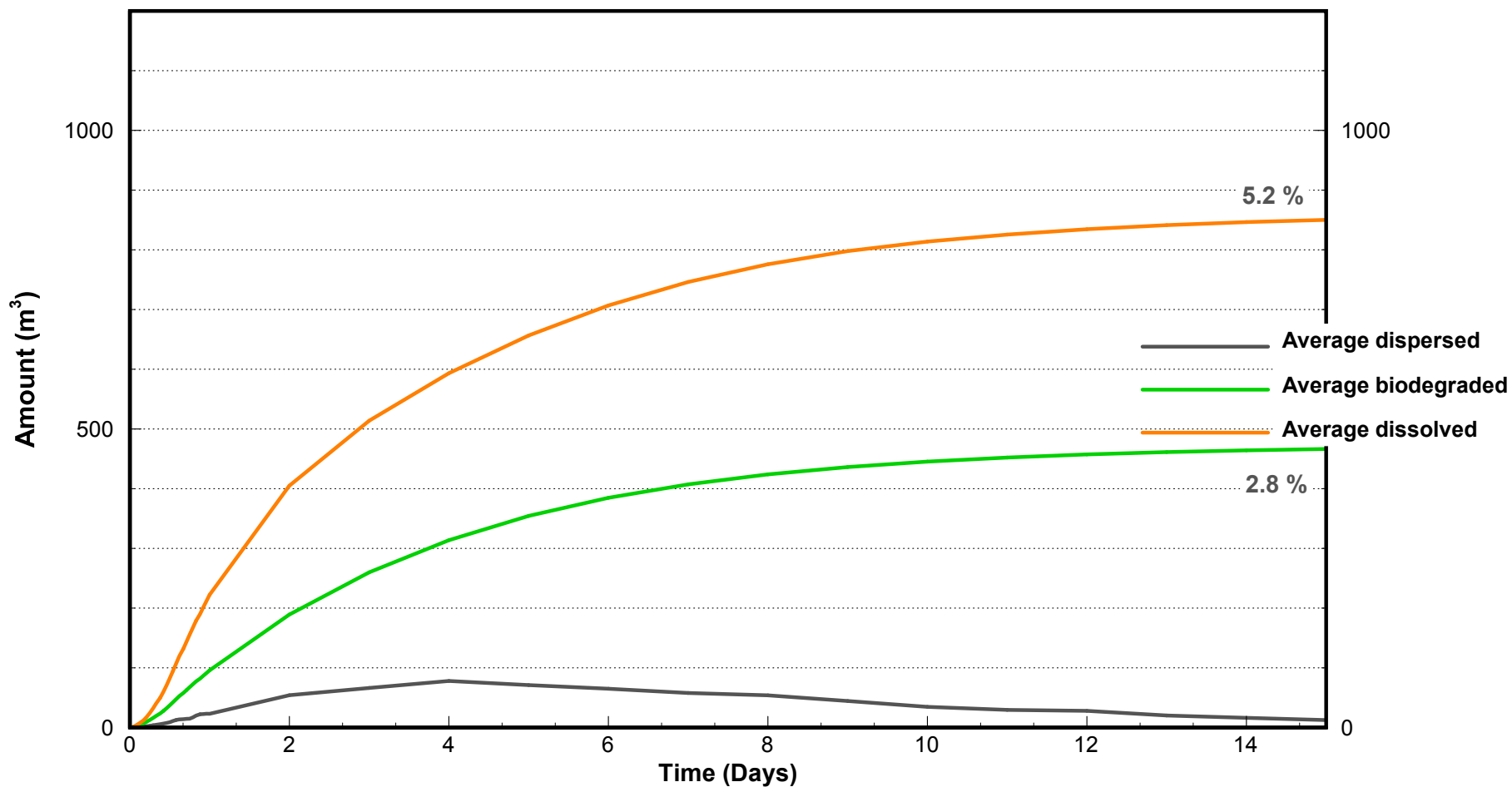


## TRANS MOUNTAIN OIL SPILL STUDY

### Stochastic Simulation Winter 2012, Site E (16,500 m³) Major Components of the Mass Balance

PROJECT NO. V13203022	DWN AH	CKD JAS	APVD -	REV 0
OFFICE EBA-VANC	DATE October 7, 2013			

Figure E.1-8



## NOTES

- Statistical results based on independent spills occurring every 6 hours from January 01 00:00 to March 31 23:00, for a total of 364 independent spills.
- Tracking time for each spill was 15 days.
- The minor components of the mass balance are shown above.

STATUS  
ISSUED FOR REVIEW

CLIENT

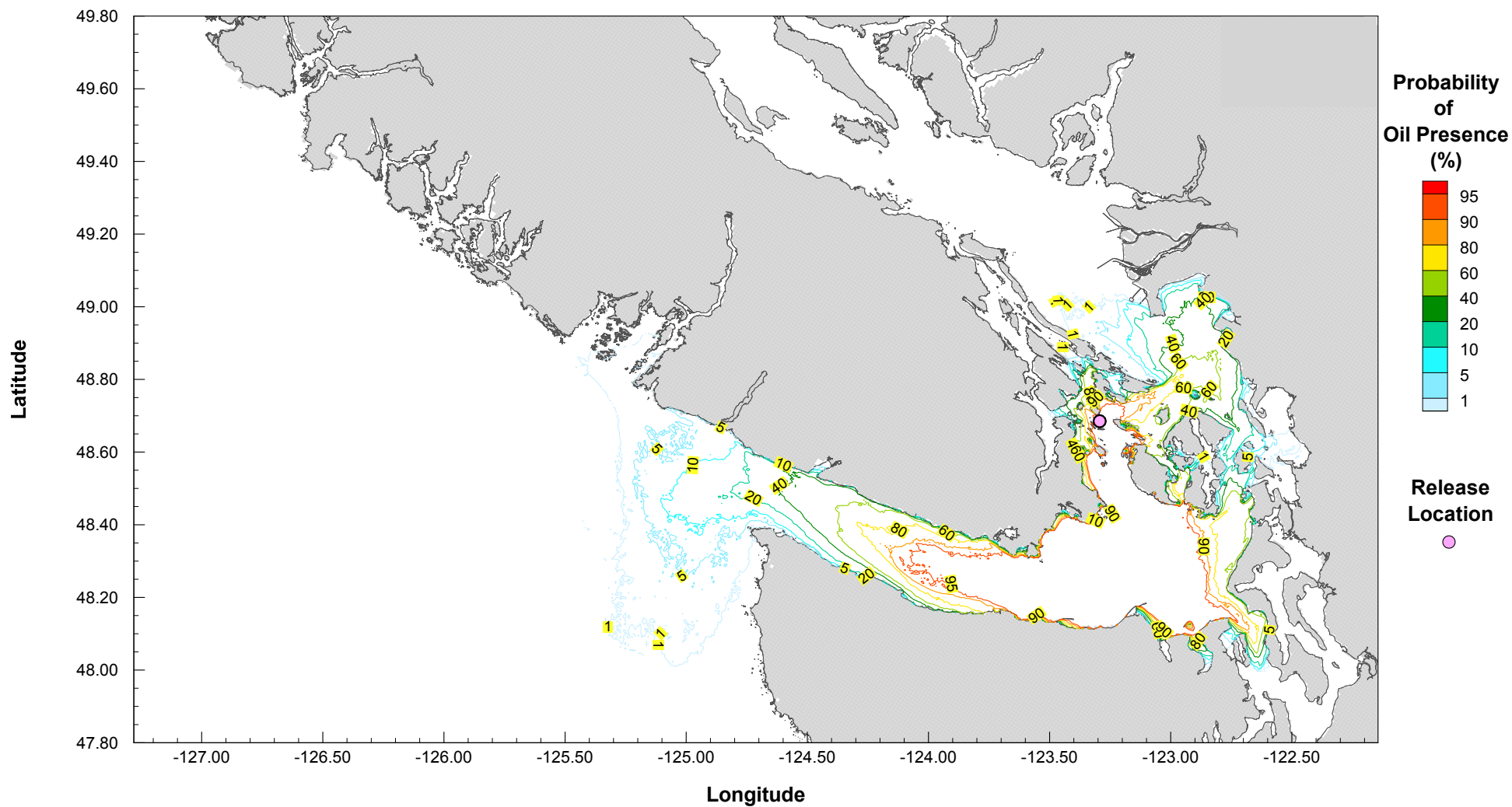


## TRANS MOUNTAIN OIL SPILL STUDY

### Stochastic Simulation Winter 2012, Site E (16,500 m³) Minor Components of the Mass Balance

PROJECT NO. V13203022	DWN AH	CKD JAS	APVD -	REV 0
OFFICE EBA-VANC	DATE October 7, 2013			

Figure E.1-9



## NOTES

- Statistical results based on independent spills occurring every 6 hours from April 01 00:00 to June 30 23:00, for a total of 364 independent spills.
- Probability of oil presence is the percentage of simulations in which oil was present at a given location.
- Tracking time for each spill was 15 days.

STATUS  
ISSUED FOR REVIEW

CLIENT



## TRANS MOUNTAIN OIL SPILL STUDY

**Stochastic Simulation**  
**Spring 2012, Site E (16,500 m<sup>3</sup>)**  
**Probability of Oil Presence**

<b>PROJECT NO.</b> V13203022	<b>DWN</b> AH	<b>CKD</b> JAS	<b>APVD</b> -	<b>REV</b> 0
<b>OFFICE</b> EBA-VANC	<b>DATE</b> October 7, 2013			

**Figure E.2-2**