



## Liquid Release Volume Calculator - E&P Exempt Material

Facility/Pipeline Name: **Okeanos SWD #1** Date: **7/3/2026**  
 Product Released: **Crude Oil** ☐ **Produced Water** ☒ **Condensate** ☐ Did release enter water? **NO**  
 Region: **NEW MEXICO** Inside/Outside of Containment: **OUTSIDE CONTAINMENT**

| Total Area Calculations - Rectangle (Outside Containment) |          |          |                |                  |
|-----------------------------------------------------------|----------|----------|----------------|------------------|
| Total Surface Area                                        | Length   | Width    | Wet Soil Depth | Area Covered (%) |
| Rectangle Area 1                                          | 40 ft. x | 15 ft. x | 1 in.          | 90.00%           |
| Rectangle Area 2                                          | ft. x    | ft. x    | in.            | 100.00%          |
| Rectangle Area 3                                          | ft. x    | ft. x    | in.            | 100.00%          |
| Rectangle Area 4                                          | ft. x    | ft. x    | in.            | 90.00%           |
| Rectangle Area 5                                          | 0 ft. x  | 0 ft. x  | 0 in.          | 0.00%            |

| Total Area Calculations - Circle (Outside Containment) |          |        |       |                  |
|--------------------------------------------------------|----------|--------|-------|------------------|
| Total Surface Area                                     | Diameter | Radius | Depth | Area Covered (%) |
| Circle 1                                               | 0 ft.    | 0 ft.  | 0 in. | 0.00%            |
| Circle 2                                               | 0 ft.    | 0 ft.  | 0 in. | 0.00%            |
| Circle 3                                               | 0 ft.    | 0 ft.  | 0 in. | 0.00%            |
| Circle 4                                               | 0 ft.    | 0 ft.  | 0 in. | 0.00%            |
| Circle 5                                               | 0 ft.    | 0 ft.  | 0 in. | 0.00%            |

\*Soil Type: **Saturated Caliche**  
 Liquid Holding Factor: **0.25**

\*Oil Cut %: **0.00%**

| Saturated Soil Volume Calculation - Rectangle (Outside Containment) |               |                |                      |
|---------------------------------------------------------------------|---------------|----------------|----------------------|
| Total Surface Area                                                  | Volume        |                |                      |
| Rectangle Area 1                                                    | 600.00        | sq. ft.        | 45.00 cu. ft.        |
| Rectangle Area 2                                                    | 0.00          | sq. ft.        | 0.00 cu. ft.         |
| Rectangle Area 3                                                    | 0.00          | sq. ft.        | 0.00 cu. ft.         |
| Rectangle Area 4                                                    | 0.00          | sq. ft.        | 0.00 cu. ft.         |
| Rectangle Area 5                                                    | 0.00          | sq. ft.        | 0.00 cu. ft.         |
| <b>Total Volume:</b>                                                | <b>600.00</b> | <b>sq. ft.</b> | <b>45.00 cu. ft.</b> |

| Approximate Volume Released - Rectangle |                   |             |                      |             |
|-----------------------------------------|-------------------|-------------|----------------------|-------------|
|                                         | Hydrocarbon Lost: | REPORTABLE? | Produced Water Lost: | REPORTABLE? |
| Liquid in Soil (Out Cont.):             | 0.00 BBL          |             | 2.00 BBL             |             |
| Standing Liquid (In Cont.):             | 0.00 BBL          |             | 3.56 BBL             |             |
| In Cont. Adj. Disp. Volume:             | 0.00 BBL          |             | 0.00 BBL             |             |
| <b>Hydrocarbon / PW Totals:</b>         | <b>0.00 BBL</b>   | <b>NO</b>   | <b>5.57 BBL</b>      | <b>YES</b>  |
| <b>TOTAL VOLUME RELEASED:</b>           | <b>5.57 BBL</b>   |             | <b>233.75 GAL</b>    |             |
| RECOVERED VOLUME:                       | 0.00 BBL          |             |                      |             |

| Approximate Volume Released - Circle |                  |             |                     |             |
|--------------------------------------|------------------|-------------|---------------------|-------------|
|                                      | Hydrocarbon Lost | REPORTABLE? | Produced Water Lost | REPORTABLE? |
| Liquid in Soil (Out Cont.):          | 0.00 BBL         |             | 0.00 BBL            |             |
| Standing Liquid (In Cont.):          | 0.00 BBL         |             | 0.00 BBL            |             |
| In Cont. Adj. Disp. Volume:          | 0.00 BBL         |             | 0.00 BBL            |             |
| <b>Hydrocarbon / PW Totals:</b>      | <b>0.00 BBL</b>  | <b>NO</b>   | <b>0.00 BBL</b>     | <b>NO</b>   |
| <b>TOTAL VOLUME RELEASED:</b>        | <b>0.00 BBL</b>  |             | <b>0.00 GAL</b>     |             |
| RECOVERED VOLUME:                    | 0.00 BBL         |             |                     |             |

| Standing Liquid Calculations - Rectangle (Inside Containment) |          |          |         |                  |
|---------------------------------------------------------------|----------|----------|---------|------------------|
| Total Standing Liquid                                         | Length   | Width    | Depth   | Area Covered (%) |
| Rectangle Area 1                                              | 40 ft. x | 15 ft. x | 0.5 in. | 80.00%           |
| Rectangle Area 2                                              | 0 ft. x  | 0 ft. x  | 0 in.   | 0.00%            |
| Rectangle Area 3                                              | ft. x    | ft. x    | in.     | 0.00%            |
| Rectangle Area 4                                              | ft. x    | ft. x    | in.     | 0.00%            |
| Rectangle Area 5                                              | ft. x    | ft. x    | in.     | 0.00%            |

| Standing Liquid Calculations - Circle (Inside Containment) |          |        |       |                  |
|------------------------------------------------------------|----------|--------|-------|------------------|
| Total Surface Area                                         | Diameter | Radius | Depth | Area Covered (%) |
| Circle 1                                                   | ft.      | ft.    | in.   | 0.00%            |
| Circle 2                                                   | 0 ft.    | 0 ft.  | 0 in. | 0.00%            |
| Circle 3                                                   | 0 ft.    | 0 ft.  | 0 in. | 0.00%            |
| Circle 4                                                   | 0 ft.    | 0 ft.  | 0 in. | 0.00%            |
| Circle 5                                                   | 0 ft.    | 0 ft.  | 0 in. | 0.00%            |

\*Fluid Recovered: **BBL**

| Standing Saturated Soil Volume Calculation - Rectangle (Inside Containment) |               |                |                      |
|-----------------------------------------------------------------------------|---------------|----------------|----------------------|
| Total Surface Area                                                          | Volume        |                |                      |
| Rectangle Area 1                                                            | 600.00        | sq. ft.        | 20.00 cu. ft.        |
| Rectangle Area 2                                                            | 0.00          | sq. ft.        | 0.00 cu. ft.         |
| Rectangle Area 3                                                            | 0.00          | sq. ft.        | 0.00 cu. ft.         |
| Rectangle Area 4                                                            | 0.00          | sq. ft.        | 0.00 cu. ft.         |
| Rectangle Area 5                                                            | 0.00          | sq. ft.        | 0.00 cu. ft.         |
| <b>Total Volume:</b>                                                        | <b>600.00</b> | <b>sq. ft.</b> | <b>20.00 cu. ft.</b> |

| Tank Displacement (Circle or Rectangle; In Containment ONLY) |       |            |              |            |
|--------------------------------------------------------------|-------|------------|--------------|------------|
| Tank Diameter                                                | Depth | # of Tanks | Displacement |            |
| ft                                                           | in    |            | 0.00         | BBL        |
| 0 ft                                                         | 0 in  | 0          | 0.00         | BBL        |
| 0 ft                                                         | 0 in  | 0          | 0.00         | BBL        |
| 0 ft                                                         | 0 in  | 0          | 0.00         | BBL        |
| 0 ft                                                         | 0 in  | 0          | 0.00         | BBL        |
| <b>Total Displacement:</b>                                   |       |            | <b>0.00</b>  | <b>BBL</b> |

| Agency Reportability |           |        |
|----------------------|-----------|--------|
| AGENCY REPORTABLE?   | RECTANGLE | CIRCLE |
|                      | YES       | NO     |
|                      | NO        | NO     |
|                      | YES       | NO     |
| STATE AGENCY         |           |        |
| BLM                  | NO        | NO     |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 602468

**QUESTIONS**

|                                                                                                 |                                                         |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Operator:<br>SOLARIS WATER MIDSTREAM, LLC<br>9950 WOODLOCH FOREST DR<br>THE WOODLANDS, TX 77380 | OGRID:<br>371643                                        |
|                                                                                                 | Action Number:<br>602468                                |
|                                                                                                 | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

|                      |                                              |
|----------------------|----------------------------------------------|
| <b>Prerequisites</b> |                                              |
| Incident ID (n#)     | nAPP2618448698                               |
| Incident Name        | NAPP2618448698 OKEANOS SWD #1 @ 30-025-44189 |
| Incident Type        | Produced Water Release                       |
| Incident Status      | Initial C-141 Received                       |
| Incident Well        | [30-025-44189] OKEANOS SWD #001              |

**Location of Release Source**

Please answer all the questions in this group.

|                         |                |
|-------------------------|----------------|
| Site Name               | OKEANOS SWD #1 |
| Date Release Discovered | 07/03/2026     |
| Surface Owner           | Private        |

**Incident Details**

Please answer all the questions in this group.

|                                                                                                      |                        |
|------------------------------------------------------------------------------------------------------|------------------------|
| Incident Type                                                                                        | Produced Water Release |
| Did this release result in a fire or is the result of a fire                                         | No                     |
| Did this release result in any injuries                                                              | No                     |
| Has this release reached or does it have a reasonable probability of reaching a watercourse          | No                     |
| Has this release endangered or does it have a reasonable probability of endangering public health    | No                     |
| Has this release substantially damaged or will it substantially damage property or the environment   | No                     |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No                     |

**Nature and Volume of Release**

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

|                                                                                                                                                      |                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Crude Oil Released (bbls) Details                                                                                                                    | Not answered.                                                                                         |
| Produced Water Released (bbls) Details                                                                                                               | Cause: Equipment Failure   Valve   Produced Water   Released: 6 BBL   Recovered: 0 BBL   Lost: 6 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l                                                                                  | Yes                                                                                                   |
| Condensate Released (bbls) Details                                                                                                                   | Not answered.                                                                                         |
| Natural Gas Vented (Mcf) Details                                                                                                                     | Not answered.                                                                                         |
| Natural Gas Flared (Mcf) Details                                                                                                                     | Not answered.                                                                                         |
| Other Released Details                                                                                                                               | Not answered.                                                                                         |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered.                                                                                         |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 602468

**QUESTIONS (continued)**

|                                                                                                 |                                                         |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Operator:<br>SOLARIS WATER MIDSTREAM, LLC<br>9950 WOODLOCH FOREST DR<br>THE WOODLANDS, TX 77380 | OGRID:<br>371643                                        |
|                                                                                                 | Action Number:<br>602468                                |
|                                                                                                 | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>                                                                                                         |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Is this a gas only submission (i.e. only significant Mcf values reported)                                                                               | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC                                                                                  | No                                                                                |
| Reasons why this would be considered a submission for a notification of a major release                                                                 | Unavailable.                                                                      |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. |                                                                                   |

**Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

|                                                                                                                    |               |
|--------------------------------------------------------------------------------------------------------------------|---------------|
| The source of the release has been stopped                                                                         | True          |
| The impacted area has been secured to protect human health and the environment                                     | True          |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True          |
| All free liquids and recoverable materials have been removed and managed appropriately                             | True          |
| If all the actions described above have not been undertaken, explain why                                           | Not answered. |

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

|                                                    |                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I hereby agree and sign off to the above statement | Name: Melissa Tull<br>Title: Environmental Representative<br>Email: <a href="mailto:Melissa.Tull@westernmidstream.com">Melissa.Tull@westernmidstream.com</a><br>Date: 07/07/2026 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 602468

**QUESTIONS (continued)**

|                                                                                                 |                                                         |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Operator:<br>SOLARIS WATER MIDSTREAM, LLC<br>9950 WOODLOCH FOREST DR<br>THE WOODLANDS, TX 77380 | OGRID:<br>371643                                        |
|                                                                                                 | Action Number:<br>602468                                |
|                                                                                                 | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

|                                                                                                                                                                                                                                                      |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Site Characterization</b>                                                                                                                                                                                                                         |                                |
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> |                                |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)                                                                                                                           | Between 500 and 1000 (ft.)     |
| What method was used to determine the depth to ground water                                                                                                                                                                                          | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water                                                                                                                                                                                                 | No                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>                                                                                                                             |                                |
| A continuously flowing watercourse or any other significant watercourse                                                                                                                                                                              | Between 1000 (ft.) and ½ (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)                                                                                                                                                                    | Between 1000 (ft.) and ½ (mi.) |
| An occupied permanent residence, school, hospital, institution, or church                                                                                                                                                                            | Between 1 and 5 (mi.)          |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes                                                                                                                            | Between 1 and 5 (mi.)          |
| Any other fresh water well or spring                                                                                                                                                                                                                 | Between 1000 (ft.) and ½ (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field                                                                                                                                                                      | Greater than 5 (mi.)           |
| A wetland                                                                                                                                                                                                                                            | Between 300 and 500 (ft.)      |
| A subsurface mine                                                                                                                                                                                                                                    | Greater than 5 (mi.)           |
| An (non-karst) unstable area                                                                                                                                                                                                                         | Greater than 5 (mi.)           |
| Categorize the risk of this well / site being in a karst geology                                                                                                                                                                                     | Low                            |
| A 100-year floodplain                                                                                                                                                                                                                                | Greater than 5 (mi.)           |
| Did the release impact areas not on an exploration, development, production, or storage site                                                                                                                                                         | No                             |

|                                                                                                                                                                                                                                                                                                                                                                                       |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <b>Remediation Plan</b>                                                                                                                                                                                                                                                                                                                                                               |    |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>                                                                                                                                                                                      |    |
| Requesting a remediation plan approval with this submission                                                                                                                                                                                                                                                                                                                           | No |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> |    |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 602468

CONDITIONS

|                                                                                                 |                                                         |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Operator:<br>SOLARIS WATER MIDSTREAM, LLC<br>9950 WOODLOCH FOREST DR<br>THE WOODLANDS, TX 77380 | OGRID:<br>371643                                        |
|                                                                                                 | Action Number:<br>602468                                |
|                                                                                                 | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

CONDITIONS

| Created By    | Condition | Condition Date |
|---------------|-----------|----------------|
| scott.rodgers | None      | 7/7/2026       |