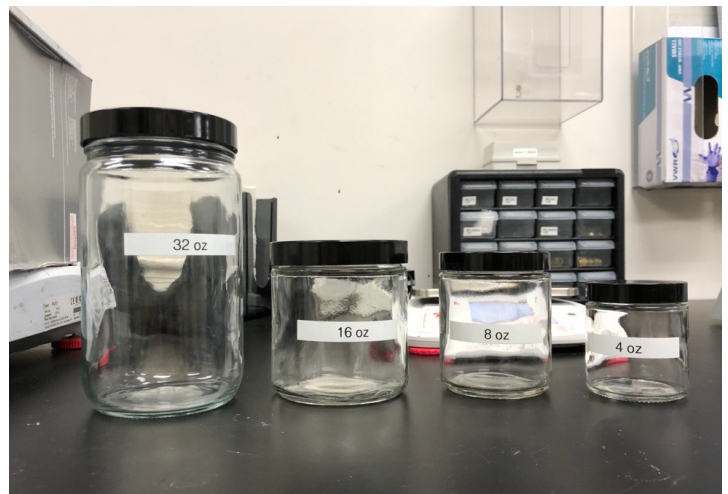


Collection and Shipping Guidelines for Lab Services and Treatability Studies

Soil: Sample Containers and Collection

- Sample may be kept in straight sided glass jars.
- Minimize headspace if evaluating volatile organic compounds.
- For quantities > 2 kg, baggies or buckets may be acceptable. Please contact REGENESIS lab regarding your site.



Water: Sample Containers and Collection



- Use 1 L (32 oz) unpreserved amber glass bottles recommended (narrow or wide-mouth acceptable)
- Minimize headspace and sediment upon collection
- Do NOT use flexible plastic containers
- Sample containers such as plastic bottles, carboys or drums may be acceptable in some cases. Please contact REGENESIS lab regarding your site.

Labeling

- Sample IDs should match those on the Chain of Custody.

Holding Time

- There is no standardized holding time for soil and water treatability studies. Please contact REGENESIS lab for project specific guidelines.

Packaging

- Wrap glass bottles and jars in bubble wrap to prevent water during transport.
- Place containers in zipper-like baggies to protect from seepage due to melting ice.
- Place all samples in cooler.
- Add blue ice packs (recommended) or wet ice in double-bagged, zipper-like baggies to reduce seepage.
- Ensure that sample containers are snug. Add additional packing materials as needed to ensure there is no movement in the cooler.
- Include a Chain of Custody in the cooler.

Shipping

- Ship OVERNIGHT to: Attn. REGENESIS Lab Services, 1011 Calle Sombra San Clemente, CA 92673
- Please note REGENESIS Lab Services does not receive samples on Saturdays and Sundays.

Sampling Requirement Summary

| Analysis | Matrix | Recommended Container (per sample) | Minimum Required |
|--|------------------|------------------------------------|-----------------------|
| Soil Oxygen Demand: Persulfate (PersulfOx®) | Soil | 16 oz (500 ml) glass jar | 16 oz (500 g) |
| | Water (optional) | 32 oz (1 L) amber glass jar | 32 oz (1 L) |
| Soil Oxygen Demand: Percarbonate (RegenOx® Part A) | Soil | 4 oz (120 ml) glass jar | 1 oz (28 g) |
| | Water (optional) | 16 oz (500 ml) amber glass jar | 8 oz (200 ml) |
| *Treatability Tests | Soil | 32 oz (1 L) amber glass jar | Soil: 15 lbs (6kg) |
| | Water | 32 oz (1 L) amber glass jar | Water: 4.5 gal (16 L) |

*Please refer to your proposal for more specific guidelines on required quantities.

Soil Mass vs. Number of Soil Jars

| Required Soil (kg) | Number of Jars Per Size | | |
|--------------------|-------------------------|-------|-------|
| | 8 oz | 16 oz | 32 oz |
| 1 | 3 | 1 | 1 |
| 2 | 7 | 3 | 2 |
| 3 | 10 | 4 | 2 |
| 4 | 13 | 6 | 3 |
| 5 | 17 | 7 | 4 |
| 6 | 20 | 9 | 4 |
| 7 | 23 | 10 | 5 |
| 8 | 27 | 11 | 6 |
| 9 | 30 | 13 | 7 |
| 10 | 33 | 14 | 7 |
| 12 | 40 | 17 | 9 |
| 15 | 50 | 21 | 11 |