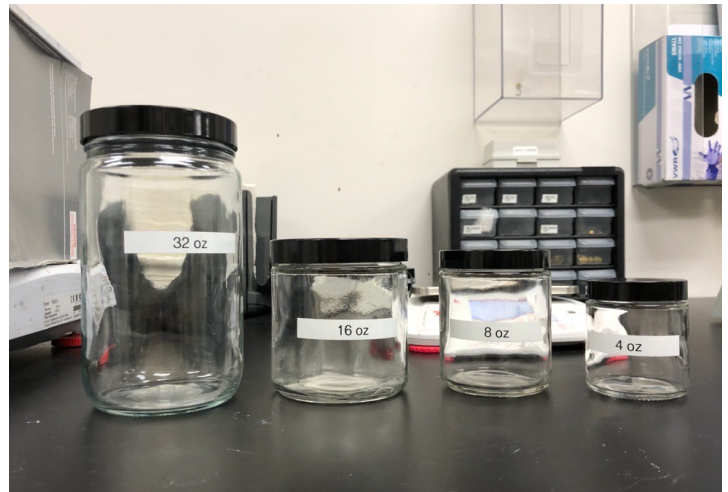


# Collection and Shipping Guidelines for Lab Services and Treatability Studies

## Soil: Sample Containers and Collection

- Sample may be kept in straight sided glass jars.
- Minimize headspace if evaluating volatile organic compounds.



## 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)

## 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