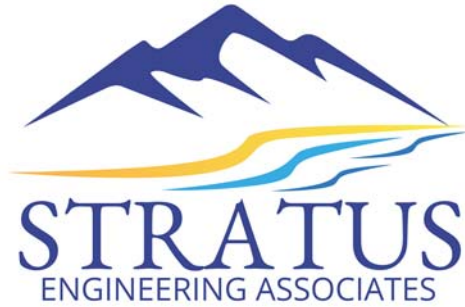




February 22, 2023

Mr. Rick A. Lind
President
Sierra Ecosystem Associates
1024 Simon Drive, Suite H
Placerville, California 95667

Subject: Control Methods Test Project Contingency Spill Report 2022

Dear Mr. Lind:

Stratus Engineering Associates prepared this Contingency Spill Report (Report) to summarize the Contingency Spill Response procedures and activities conducted during the application of chemicals for the 2022 Control Methods Test Project in the Tahoe Keys West Lagoon and Lake Tallac waters located in South Lake Tahoe, California.

If you have any questions or comments regarding this Report, please contact Rob Kull at 530-651-4200.

Sincerely,

STRATUS ENGINEERING ASSOCIATES, LLC.

Rob Kull, P.E.
Principal Engineer

CONTINGENCY SPILL REPORT

The Tahoe Keys Property Owners Association (TKPOA) in collaboration with the Tahoe Regional Planning Agency (TRPA), as well as with various agencies and other stakeholders, designed and tested the use of Federal and California Environmental Protection Agency (EPA) approved chemical control methods to manage the aquatic weed problem in the Tahoe Keys West Lagoon and Lake Tallac waters, located in South Lake Tahoe, California. The work was completed in accordance with the Waste Discharge Requirements (WDRs) issued by the Lahontan Regional Water Quality Control Board (Water Board). The Control Methods Test Project (CMT) tested standalone as well as combination types of treatments in select test sites within the Tahoe Keys Lagoon using herbicides, ultraviolet (UV-C) light, and Laminar Flow Aeration (LFA) as a means of managing the aquatic weed problem. At the direction of Water Board, a Spill Prevention and Response Plan (Plan) was developed for use during the CMT in the Tahoe Keys. The Plan was used to prevent and/or respond to potential spills of substances containing active herbicide chemicals in locations not expressly permitted by the Water Board through their Order No. R6T-2022-0004 NPDES NO. CA6202201 WDID NO.6A091701001).

Herbicide chemicals were applied to Tahoe Keys West Lagoon and Lake Tallac waters on the following dates and at the following sites:

Date	Sites	Street Address
May 25, 2022	8, 9 and 15	2165 Moro Drive
May 27, 2022	1, 2 and 3	1981 Garmish Ct
May 29, 2022	5,10 and 11	1981 Garmish Ct
May 31, 2022	12, 13 and 14 and 19 (Lake Tallac)	1981 Garmish Ct

The equipment used and staff responsible for implementing the Spill Response Plan consisted of the following:

Date	Staff and Equipment
May 25, 2022	Dakota Leduff – ATS Spencer Davis – ATS Devin Boyd – ATS Kyle Cyran – ATS Rob Kull – Stratus Engineering Equipment: Floating hoses, hose capable of reaching 15 feet in depth, pumps, 1,600-gallon storage tanks with trailers, water vessel, secondary containment containers for herbicides (for transportation onshore and in water vessels), hand tools, 55-gallon drum, absorbent material

Date	Staff and Equipment
May 27, 2022	Spencer Davis – ATS Devin Boyd – ATS Kyle Cyran – ATS Marty Morgan – Stratus Engineering Equipment: Floating hoses, hose capable of reaching 15 feet in depth, pumps, 1,600-gallon storage tanks with trailers, water vessel, secondary containment containers for herbicides (for transportation onshore and in water vessels), hand tools, 55-gallon drum, absorbent material
May 29, 2022	Dakota Leduff – ATS Devin Boyd – ATS Kyle Cyran – ATS Marty Morgan – Stratus Engineering Equipment: Floating hoses, hose capable of reaching 15 feet in depth, pumps, 1,600-gallon storage tanks with trailers, water vessel, secondary containment containers for herbicides (for transportation onshore and in water vessels), hand tools, 55-gallon drum, absorbent material
May 31, 2022	Dakota Leduff – ATS Devin Boyd – ATS Kyle Cyran – ATS Marty Morgan – Stratus Engineering Equipment: Floating hoses, hose capable of reaching 15 feet in depth, pumps, 1,600-gallon storage tanks with trailers, water vessel, secondary containment containers for herbicides (for transportation onshore and in water vessels), hand tools, 55-gallon drum, absorbent material

Note: No herbicide spills or unauthorized discharges occurred in the water vessels, on land, or in the water during the application of the herbicides.