



CHURCHILL COUNTY AGENDA REPORT

Date Submitted: August 26, 2021

Meeting Date Requested: September 15, 2021

To: Board of County Commissioners

From: Alison Oakley, Case Officer, Bureau of Corrective Actions, The Nevada Division of Environmental Protection

Subject Title: Nevada Division of Environmental Protection's review of the Groundwater Monitoring Report, Second Quarter 2021, for the Former Smedley's Chevron, and Golden Gate Petroleum Facility, 1755 W. Williams Ave, Fallon, Nevada.

Type of Action Requested: None; informational only.

Does this action require a Business Impact Statement? No

Recommend Board Action: None; informational only.

Discussion: The Nevada Division of Environmental Protection has reviewed the Groundwater Monitoring Report for the Second Quarter 2021, for the Former Smedley's Chevron, and Golden Gate Petroleum Facility, 1755 W. Williams Ave, Fallon, Nevada.

Eleven monitoring wells, MW-3 through MW-13, were gauged and monitored on April 15, 2021. Monitoring well MW-1 was removed during impacted soil removal and upgradient well MW-2 was destroyed during site activities on the neighboring property. Groundwater levels ranged from 3960.84 feet above mean sea level to 3961.30 feet above mean sea level and have decreased between 0.15 and 0.19 feet since the previous sampling event. Groundwater levels have fluctuated approximately 1.5 overall feet since the start of site groundwater monitoring. Groundwater flow direction is to the south-southeast with a hydraulic gradient between 0.0024 and 0.0030 feet per foot. This is generally consistent with previous monitoring events.

Groundwater samples were collected from 11 monitoring wells (MW-3 through MW-13). Chemicals of concern (COCs) include benzene, toluene, ethylbenzene, and xylene. The state and federal maximum contaminant level (MCL) for these COC are 5 micrograms per liter (ug/L), 1,000 ug/L, 700 ug/L, and 10,000 ug/L respectively.

- Benzene exceeded the MCL in four samples and ranged from 15 ug/L (MW-9) to 56 ug/L (MW-4). The reporting limit at MW-3 was increased due to high concentrations of target analytes.
- Toluene did not exceed the MCL during this sampling event.
- Ethylbenzene exceeded the MCL in one sample at 2,900 ug/L (MW-3).
- Total Xylenes did not exceed the MCL during this sampling event.

The recommendation in this Report includes continuing quarterly groundwater monitoring for four quarters following soil removal. The second quarter sampling event represents the first event following remediation. Following the fourth quarter of post-remediation

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sampling, groundwater closure options will be evaluated. The NDEP concurs with the recommendations presented. Third Quarter 2021 Report should be submitted no later than Friday, October 29, 2021. If you have any questions, please feel free to contact Alison Oakley, Case Officer, at 775-687-9396 or aoakley@ndep.nv.gov.

Alternatives: N/A

Fiscal Impact: N/A

Explanation of Impact: N/A

Funding Source: N/A

Prepared By: Renae Paholke, Deputy Clerk

Reviewed By: Jim R. Barbee, County Manager

Benjamin Shawcroft, Chief Deputy DA

Sherry Wideman, Comptroller

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