



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

January 15, 2020

Tom Howes
I-90 Fuel Services
823 E 14th St.
Sioux Falls, South Dakota

Re: Subsurface Assessment and Groundwater Monitoring Report for I-90 Travel Plaza,
1821 South Burr, Mitchell, SD. SD DENR# 2017.028. Facility # 08-00049.

Dear Mr. Howes:

The Department of Environment and Natural Resources (DENR) has reviewed the results of GeoTek Engineering and Testing Services, Inc., Subsurface Assessment and Groundwater Monitoring Report dated December 18, 2019, and offers the following comments.

Gasoline petroleum contamination in excess of the South Dakota Ground Water Quality Standards (SDGWQS) continues to be observed in the monitoring wells. The concentrations detected in monitoring wells 7 & 8 (MW-7 & 8) are indicative of free phase product. Analytical data from monitoring well 6 (MW-6) indicated that concentrations of petroleum hydrocarbons as diesel fuel are decreasing and do not exceed the SDGWQS, therefore, further monitoring for diesel is not necessary at this time.

The department is requiring quarterly groundwater analysis from wells MW-3, 7, & 8 for gasoline constituents (BTEX and TPHg). Because the concentrations in MW-7 & 8 are indicative of product, sorbent socks should be placed in those wells. Upon receiving the quarterly groundwater monitoring report, DENR will review the data and determine if additional testing or remediation is required.

Thank you for your cooperation in protecting the groundwater resources of the State of South Dakota. If you have any questions or need clarification of any item, please contact this office.

Sincerely

Marshall Brown
Hydrologist
Ground Water Quality Program
SD DENR

Cc: Dan Hanson, GeoTek Engineering and Testing Services, Inc.
Jeff Bathke, Davison County Emergency Management.
John McVey, PRCF