

WELD LABORATORIES, INC.

1527 First Avenue • Greeley, Colorado 80631

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www.weldlabs.com

April 6, 2021

Lonnie Dent
4722 W. 6th St. Rd.
Greeley, CO 80634

Laboratory No.: S21084-30A
Sample: Road 1A

Project: Soils
Location: Road 1A

Analyses performed according to methods in notes below

| | Results | Units | Surr Recovery (%) |
|------------------------|---------|-------------|-------------------|
| TRPH (ORO) | NA | mg/kg – ppm | NA |
| TEH (DRO) | NA | mg/kg - ppm | NA |
| TVH (GRO) | NA | µg/kg - ppb | NA |
| Benzene | NA | µg/kg - ppb | NA |
| Toluene | NA | µg/kg - ppb | NA |
| Ethyl-benzene | NA | µg/kg - ppb | NA |
| m,p-Xylene | NA | µg/kg - ppb | NA |
| o-Xylene | NA | µg/kg - ppb | NA |
| Sat. Paste pH | 7.2 | SI | NA |
| Sat. Paste EC | 4.6 | mS/cm | NA |
| Sat. Paste Saturation% | 36.3 | % | NA |
| Sat. Paste TDS | 2918 | mg/L | NA |
| Sat. Paste SAR | 2.9 | -- | NA |

Notes:

TRPH = Total Recoverable Petroleum Hydrocarbons (EPA 1664 or SM5520F Soxhlet extracted SGT-HEM)

Oil and Grease = EPA 9071B n-Hexane Extractable Material (HEM)

DRO = Diesel Range Organics, GRO = Gas Range Organics, ORO = Oil Range Organics

TVH = Total Volatile Hydrocarbons (C6-C10 EPA 8015, EPA 5030/5035 purge and trap)

TEH = Total Extractable Hydrocarbons (Diesel #2 C11-C28, EPA Method 8015 solvent extraction)

BTEX = Benzene, Toluene, Ethylbenzene, Xylenes (EPA 8015, EPA 5030/5035 purge and trap)

VOC = Volatile Organic Compounds (EPA 8260B, EPA 5030/5035 purge and trap)

Soils always run as received but reported on a dry weight basis (mg/kg-dry-wt)

Saturated Paste methods: Gavlak et al. "Soil, Plant, and Water reference methods for the western region"

U = Compound analyzed but not detected, NA = Not Applicable or Not Analyzed



Project Manager

4-6-21

Date

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April 6, 2021

Lonnie Dent
4722 W. 6th St. Rd.
Greeley, CO 80634

Laboratory No.: S21084-31B
Sample: Pad 1B

Project: Soils
Location: Pad 1B

Analyses performed according to methods in notes below

| | Results | Units | Surr Recovery (%) |
|------------------------|---------|-------------|-------------------|
| TRPH (ORO) | NA | mg/kg – ppm | NA |
| TEH (DRO) | NA | mg/kg - ppm | NA |
| TVH (GRO) | NA | µg/kg - ppb | NA |
| Benzene | NA | µg/kg - ppb | NA |
| Toluene | NA | µg/kg - ppb | NA |
| Ethyl-benzene | NA | µg/kg - ppb | NA |
| m,p-Xylene | NA | µg/kg - ppb | NA |
| o-Xylene | NA | µg/kg - ppb | NA |
| Sat. Paste pH | 7.3 | SI | NA |
| Sat. Paste EC | 6.1 | mS/cm | NA |
| Sat. Paste Saturation% | 38.7 | % | NA |
| Sat. Paste TDS | 3872 | mg/L | NA |
| Sat. Paste SAR | 3.9 | -- | NA |

Notes:

TRPH = Total Recoverable Petroleum Hydrocarbons (EPA 1664 or SM5520F Soxhlet extracted SGT-HEM)

Oil and Grease = EPA 9071B n-Hexane Extractable Material (HEM)

DRO = Diesel Range Organics, GRO = Gas Range Organics, ORO = Oil Range Organics

TVH = Total Volatile Hydrocarbons (C6-C10 EPA 8015, EPA 5030/5035 purge and trap)

TEH = Total Extractable Hydrocarbons (Diesel #2 C11-C28, EPA Method 8015 solvent extraction)

BTEX = Benzene, Toluene, Ethylbenzene, Xylenes (EPA 8015, EPA 5030/5035 purge and trap)

VOC = Volatile Organic Compounds (EPA 8260B, EPA 5030/5035 purge and trap)

Soils always run as received but reported on a dry weight basis (mg/kg-dry-wt)

Saturated Paste methods: Gavlak et al. "Soil, Plant, and Water reference methods for the western region"

U = Compound analyzed but not detected, NA = Not Applicable or Not Analyzed



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