

D.C. Dozer Service LLC

1403 Fillmore Street  
Sterling, CO 80751  
(970) 580 - 0062  
Troutman0231@msn.com

June 10, 2021

Mr. Rick Allison  
Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, STE 801  
Denver, CO 80203

**Re: Location & Pit Closure Remediation Plan  
Tindall Operating Company - Operator # 88380  
Nickerson Location (#326976) and Skim Pit (#111633)  
Legal: SWNW Sec 18-7N-R58W**

Dear Mr. Allison:

On behalf of Tindall Operating Company, D.C. Dozer Service has prepared this Location & Pit Closure Remediation Plan to propose a remediation plan including sample locations, sampling frequency, the removal of the remaining equipment, the closure of the Nickerson 4 skim pit (Pit) (Facility ID 111633), and the reclamation of the Nickerson Location (Site) (Facility ID 326976).

**Pit Characterization and Remediation Activities**

The field activities described herein will be performed with the purpose of assessing potential hydrocarbon impacts at the Pit. Closure activities will be initiated with the submittal and approval of this Closure Form 27.

Characterization of the Pit will begin with the excavation of the Pit walls in order to visually assess possible impacts and to collect confirmation soil samples. Proposed sample locations are included within the attached Figure 1 – Proposed Sample Locations, photos of the excavations and sample locations will be included within the Nickerson Closure Photo Log. Sample locations will be marked with pin locator flags and documented using collector for ArcGIS.

Four (4) soil samples (N,S,E,W) will be collected from the sidewalls of the Pit in the four cardinal directions and one from the base (B) of the Pit excavation. The soil samples will be field screened for volatile organic compound (VOC) concentrations using a Photoionization Detector (PID) and then submitted to Summit Scientific Laboratory in Golden, Colorado, for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, trimethylbenzene 1,2,4, trimethylbenzene 1,3,5, total petroleum hydrocarbons (TPH) – gasoline range organics (GRO) in accordance with United States Environmental Protection Agency (USEPA) Method 8260B, and TPH – diesel range organics (DRO) in accordance with USEPA Method 8015.

Sample locations which exceed Table 915-1 Residential Soil Screening Levels will be further excavated and additional confirmation samples will be collected and submitted for analysis. Disposal waste manifests will be provided for any soil hauled for disposal.

### **Tank and Gas Equipment Removal and Characterization Activities**

Characterization of the tank location will begin with the excavation of a shallow trench across the tank pad in order to visually assess possible impacts. The gas equipment will be excavated and removed. Impacted soil if discovered at either location will be removed and confirmation soil samples will be collected if necessary. The production gas equipment and tank pad gravel which remains on Site will be removed and disposed. Photos of the tank pad and gas equipment excavations will be included within the Nickerson Closure Photo Log.

### **Site Inorganics Sampling**

Following the completion of Pit closure, equipment removal, and the backfill of the open excavations with some added imported topsoil, inorganics soil samples will be collected to ensure that the Site soils are suitable for reclamation. Six (6) inorganics soil samples will be collected from the surface of the Site in a grid pattern illustrated within the attached Figure 1 – Proposed Sample Locations. Soil samples will be analyzed for the inorganics in soil as per COGCC Table 915-1. Soils exceeding Table 915-1 cleanup concentrations will be removed and the Site will be ripped and left to the landowner since the battery lies in a workable field.

### **Conclusions**

The proposed sampling plan included will confirm that hydrocarbon impacts are no longer present at concentrations above Table 915-1 standards at the Nickerson 4 Pit. Inorganics sampling will confirm that location soils are suitable for reclamation. Therefore, Tindall Operating Company requests the COGCC approval to move forward with the closure of the Pit (FID 111633) and the associated Location (FID 326976)

Please contact me at (970) 580 - 0062 if you have any questions regarding this plan or require additional information.

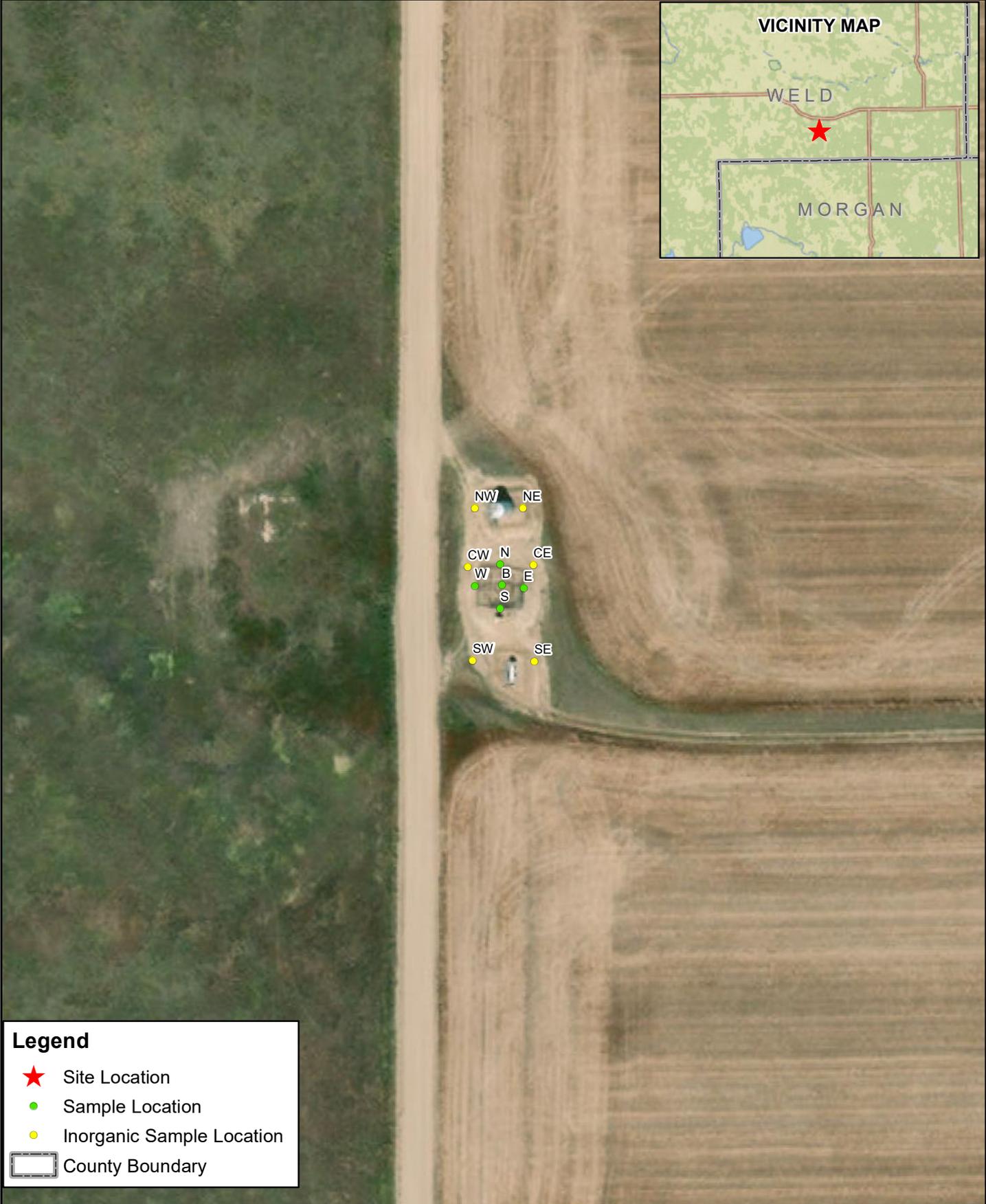
Sincerely,



Todd Troutman  
D.C. Dozer Service LLC

### **Attachments:**

Figure 1 – Proposed Sample Locations



**Legend**

- ★ Site Location
- Sample Location
- Inorganic Sample Location
- ▭ County Boundary



**Tindall Operating Company**

Nickerson 4  
Weld County, Colorado

DATE: 6/10/2021

DESIGNED BY: C. Peace

DRAWN BY: N. Peace



Proposed Sample Locations

Figure 1