Form 27 Addendum to Document ID: 1949163
Remediation Project #7539. Location ID

Submitted on: October 25, 2013

OGCC Operator Number: 10282

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API Number: 05-107-06175		County: Routt
Facility Name: Dry Creek UT HD 31		Facility No.: 232760

Location: NENE 31, 6N 88W, 6th Lat: 40.43865N Long: 107.298851W

Site Investigation and Characterization:

1. Perform soil investigation using Geo-probe technology to adequately determine the horizontal and vertical extent of contamination at the two locations of alleged releases (near the well head and at the former tank location where COGCC observed soil and advanced a hand auger boring). Please see attached Figure 1 for the Proposed Boring Locations.
    a. Well Head: Soil borings will be extended using geo-probe technology with acetate sleeves at locations P-1 to P-7, as follows:

P-1 & 2	10 ft. from Well
P-3	20 ft. from Well
P-4	30 ft. from Well
P-5	40 ft. from Well
P- 6 & 7	50 ft. from Well

        The borings will be extended to 5 feet past the last PID reading (estimated at 15 ft. bgs). PID measurement will occur along the 5 ft. sleeve and logged accordingly. Samples will be collected <5 ft. bgs for P-1 and P-2 and analyzed for the Table 910-1 organics (dro, and gro) w/BTEX, Inorganics (EC, SAR, pH), and metals. Samples will be collected at PID hits and at the bottom of the boring for the other locations. I would recommend putting a rush on the samples from P-1 and P-2 and then have the remaining samples analyzed for contaminants that are present to reduce analytical costs.

    b. Tank Location: Soil borings will be extended using geo-probe technology with acetate sleeves at locations P-8 to P-14 as follows:

P-8	Location of previous hand auger
P-9	10 ft. from P-8
P-10	20 ft. from P-8

P-11	30 ft. from P-8
P-12	40 ft. from P-8
P-13	50 ft. from P-8
P-14	60 ft. from P-8

The borings will be extended to 5 feet past the last PID reading (estimated at 15 ft. bgs). PID measurement will occur along the 5 ft. sleeve and logged accordingly. Samples will be collected <5 ft. bgs for P-8 and analyzed for the Table 910-1 organics (dro, and gro) w/BTEX, Inorganics (EC, SAR, pH), and metals. Samples will be collected at PID hits and at the bottom of the boring for the other locations. I would recommend putting a rush on the samples from P-8 and then have the remaining samples analyzed for contaminants that are present to reduce analytical costs.

2. The location of the borings are approximate and may change based upon additional field information during the boring process.
3. Perform topographic survey of well site area including measurement of all improvements, wells, and soil boring locations using survey grade gps technology to develop a scaled site diagram.
4. Prepare final report of findings.
5. All work will be conducted under the supervision of North Park Engineering & Consulting, Inc.
6. Drilling will be scheduled at the earliest available date of drilling availability. The week of November 25 or December 2 will be attempted.