

NM1 - ____12____

**APPROVED
BACKGROUND
SAMPLING
PLAN**

____Sept. 2015____

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



September 21, 2015

Mr. Jimmie T. Cooper
C & C Landfarm Inc.
P.O. Box 55
Monument, New Mexico 88265

**Re: Background Sampling Plan Review
C & C Landfarm Inc.
Permit NM1-012
Location: Unit B of Section 3, Township 20 South, Range 37 East, NMPM
Lea County, New Mexico**

Dear Mr. Cooper:

The Oil Conservation Division (OCD) has completed the review of C & C Landfarm Inc.'s (C&C) submittal, dated August 18, 2015 and received by OCD on September 4, 2015, which proposes a background sampling plan to re-establish a new facility background and PQLs in order to compare to the vadose zone monitoring results to determine if a release had occurred and if follow-up actions of 19.15.36.15.E.(5) NMAC are required to be completed.

Based on the information provided in the request, the background sampling plan is hereby approved with the following understandings and conditions:

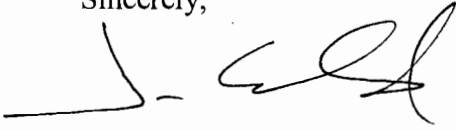
1. C&C shall comply with all applicable requirements of the Oil and Gas Act (Chapter 70, Article 2 NMSA 1978), and all conditions specified in this approval and shall operate in accordance with the August 18, 2015 submittal; and
2. C&C shall obtain written approval from OCD prior to implementing any changes to the August 18, 2015 background sampling plan.

Please be advised that approval of this request does not relieve C&C of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve C&C of its responsibility to comply with any other applicable governmental authority's rules and regulations.

Mr. Cooper
C&C Landfarms Inc.
Permit NM1-012
September 21, 2015
Page 2 of 2

If there are any questions regarding this matter, please do not hesitate to contact Brad Jones on my staff at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Griswold', with a horizontal line extending to the left.

Jim Griswold
Environmental Bureau Chief

JG/baj

cc: OCD District I Office, Hobbs
 Eddie Seay, Eddie Seay Consulting, Hobbs, NM 88242

August 18, 2015

RECEIVED GCD

7/15/2015 11:28:52

NMOCD Environmental
ATTN: Brad Jones
1220 S. Saint Francis Drive
Santa Fe, NM 87505

RE: C & C Landfarm
Background Plan

Mr. Jones:

We have reviewed the plan to re-establish a new background to be compared to our Vadose Zone sampling. Even though we have a background, we do agree with the plan as required.

If you have any questions, please call.



Jimmie T. Cooper, Owner
C & C Landfarm
Box 55
Monument, NM 88265
575-397-2045

August 2015

NMOCD Environmental
ATTN: Brad Jones
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: C & C Landfarm
Work Plan
Establish New Background

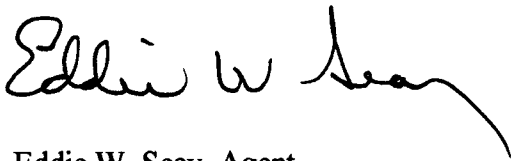
Mr. Jones:

Find attached "Work Plan" to re-establish a background analytical that can be compared to all the analytical required. Attached to plan is a Google map of the site with proposed sampling locations and locations of cells.

If this meets your approval and after receiving the same, we will sample as plan outlines.

We appreciated your continued help.

Thanks,

A handwritten signature in black ink, appearing to read "Eddie W. Seay". The signature is fluid and cursive, with a long horizontal stroke at the end.

Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
575-392-2236
seay04@leaco.net

cc: C & C Landfarm - Jimmy T. Cooper

PLAN OF ACTION

NEW BACKGROUND TO COMPARE WITH PQL

1. C & C plans to establish a new "Background" analytical to compare to our Vadose sampling. The "Background" analytical will consist of sampling for BTEX, TPH, Major Cations and Anions along with part A & B of 20.6.2.3103 NMAC. The Vadose sample will be compared to the new background or the PQL from the laboratory, whichever is greater, to determine if a release has occurred. If it is determined a release of BTEX, TPH or Chloride has occurred, move forward and comply with 19.15.36.15. E5 NMAC. First notify the OCD of the potential release, then collect and analyze a minimum of four randomly selected independent samples and test for TPH, BTEX, Chloride and the constituents listed in subsection A and B of 20.6.2.3103 NMAC. Submit the results of the sampling to the OCD within 45 days of receiving the lab. With these results we will set forth a plan for action, to either remediate and/or prevent future contamination.
2. The background sampling will be one composite sample of four separate discrete locations North, South, East and West of the landfarm area to make one composite sample. The sample holes will be from area unimpacted from any previous operations, sampling at a depth of two feet. After sampling, all sample holes will be backfilled with bentonite or red clay.
3. The sample will consist of analyzing for BTEX, TPH (418.1), Major Cations, Anions and all of part A & B of 20.6.2.3103 NMAC.
4. Document samples, which consist of BTEX, TPH, Major Cations (calcium, sodium, magnesium, and potassium) and Major Antions (bicarbonate, chloride, fluoride, nitrates, nitrites, and sulfate) along

with part A & B of 20.6.2.3103 NMAC. Along with photos of test sites, GPS locations and a Google aerial showing the landfarm and location of test points.

5. Once the analytical is received from lab, copies will be given to C & C for review, and only after C & C and myself have reviewed and C & C decides it is reportable and representative of background, copies will be submitted to OCD.
6. Once OCD has reviewed and accepts the new data, C & C will use this information, "Background" and the PQL provided by the laboratory for future Vadose zone comparisons.



Google earth

feet
km

4000

1

● Proposed sample locations