

Remed #3543



May 31, 2006

Mr. Frank Holubec
Merit Energy
1313 North Denver Ave
Fort Lupton, Co. 80621

RE: Weideman #2 Temporary Landfarm Soil Screening and Site Activity for May 2006, WCR 38.5
Weld County,

May 2006, Mixing Pad and Segregated Impacted Soil Stockpile Sampling:

MEC Inc visited the temporary soil landfarm at the Frank property periodically in March thru May 2006. The most recent field screening and sampling was performed on May 5 and May 9, 2006. These activities included the mixing pad and the three rows of segregated impacted soils (located in the adjacent field). As noted in prior memos/reports pertaining to the Weideman #2 site, specifically the April 17, 2006 temporary landfarm screening report #1 and the January 9, 2006 excavation report the majority of the soils identified as impacted have Total Petroleum Hydrocarbon concentrations of less than the COGCC guideline levels of 1000 milligrams per kilograms (mg/Kg, equivalent to PPM, (parts per million)).

Since the April 17, 2006 memo, the majority of the soils on the mixing pad that were determined to be satisfactory for beneficial reuse have been removed for such use. The attached Figure 1 illustrates the soils on the mixing pad, as of May 5, 2006.

Figure 2, illustrates the field screening and laboratory results for the remaining soils on the mixing pad. The results indicate that the residual petroleum concentrations were below 1000 PPM. Mr. Frank was informed that these soils were ready for subsequent re-use.

MEC Inc., also field screened and collected laboratory samples of the three rows of segregated impacted soils. These soils are located on the adjacent field to the west of the mixing pad area. These soils were not on the mixing pad. The results indicated that the residual petroleum concentrations detected from the samples collected were below the 1000 PPM action level. Two of the samples had slightly elevated contaminant levels of 254 and 456 PPM. Figure 3 illustrates the field and laboratory results for the these stockpile rows.

MEC Inc instructed Mr. Frank that the soils in these stockpiles (excluding the portion with the slightly elevated TPH levels) were ready for reuse and that it was OK to move these soils to the mixing pad. Following mixing and additional aeration these soils need to be screened again before final beneficial reuse. The soils with the slightly elevated TPH concentrations should be flipped and aerated for at least one month before resampling.

The two remaining clean stockpile rows will be screened and sampled in the first week of June.

If you have any questions, please contact me at 970-381-5951.

Thank you



John Mahoney

Cc: Mr. Randall Ferguson, Colorado Oil and Gas Conservation Commission
Mr. Chris Gathman, Weld County Planning Department
Mr. Troy E. Swain, Weld County Department of Public Health and Environment
Mr. Keith Crouch, Legal Counsel
Ms. Melissa Armer, JBR Environmental Consultants
Mr. Sam Frank, Manager of Temporary Landfarm Location

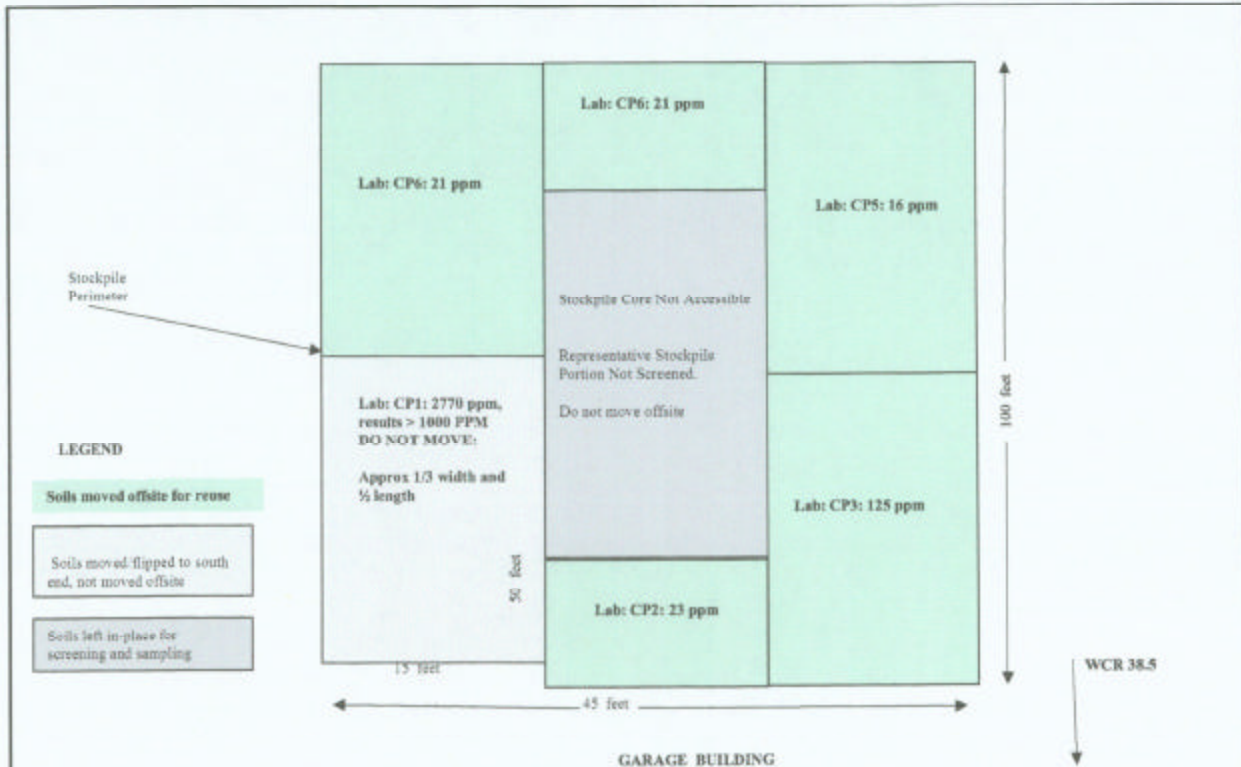


FIGURE 1: Modified Mixing Stockpile Use Summary Illustration, from April 14, 2006

Weideman #2 Excavation/ Remediation Soil Stockpile County Road 40, Gilcrest, Weld County, Co.	MAHONEY ENVIRONMENTAL CONSULTING INC 1601 10th Avenue GREELEY, CO 80631 (970) 352-2644 (TEL)	May 5, 2006
Project No: 2006.013		Not to scale, All illustrated locations are approximate

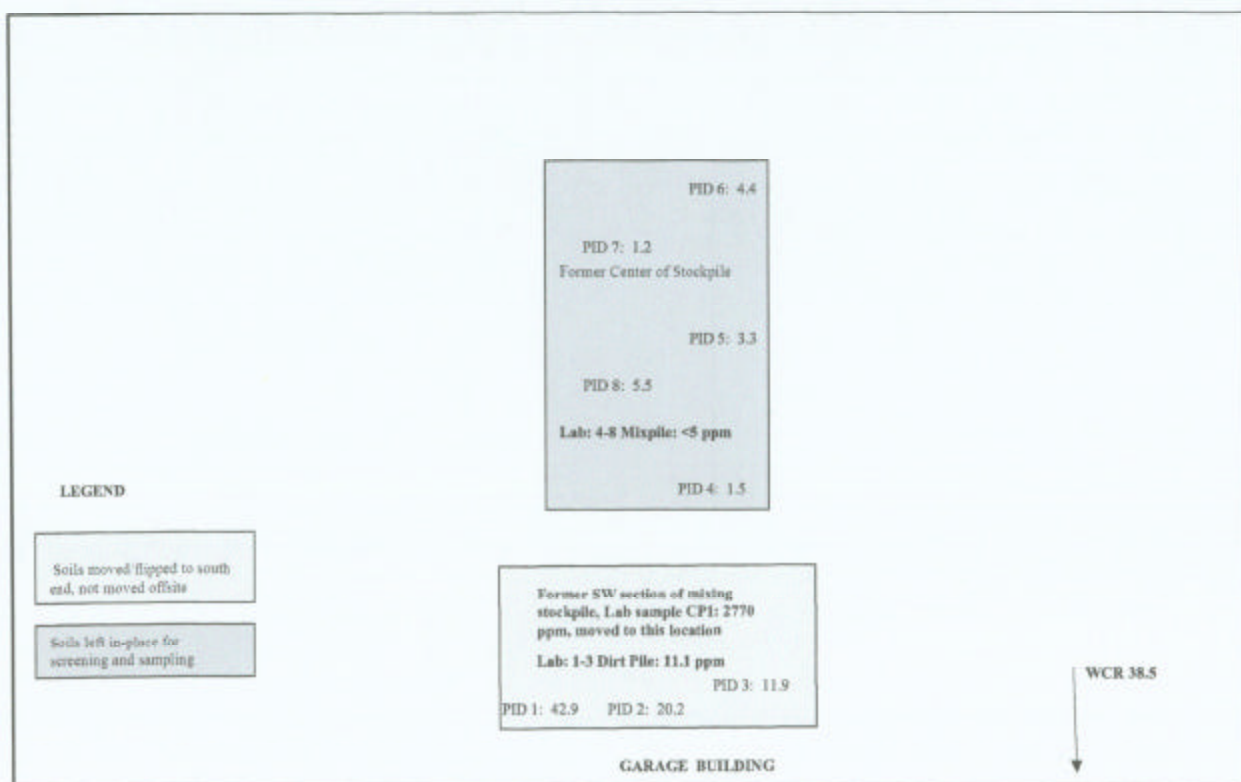
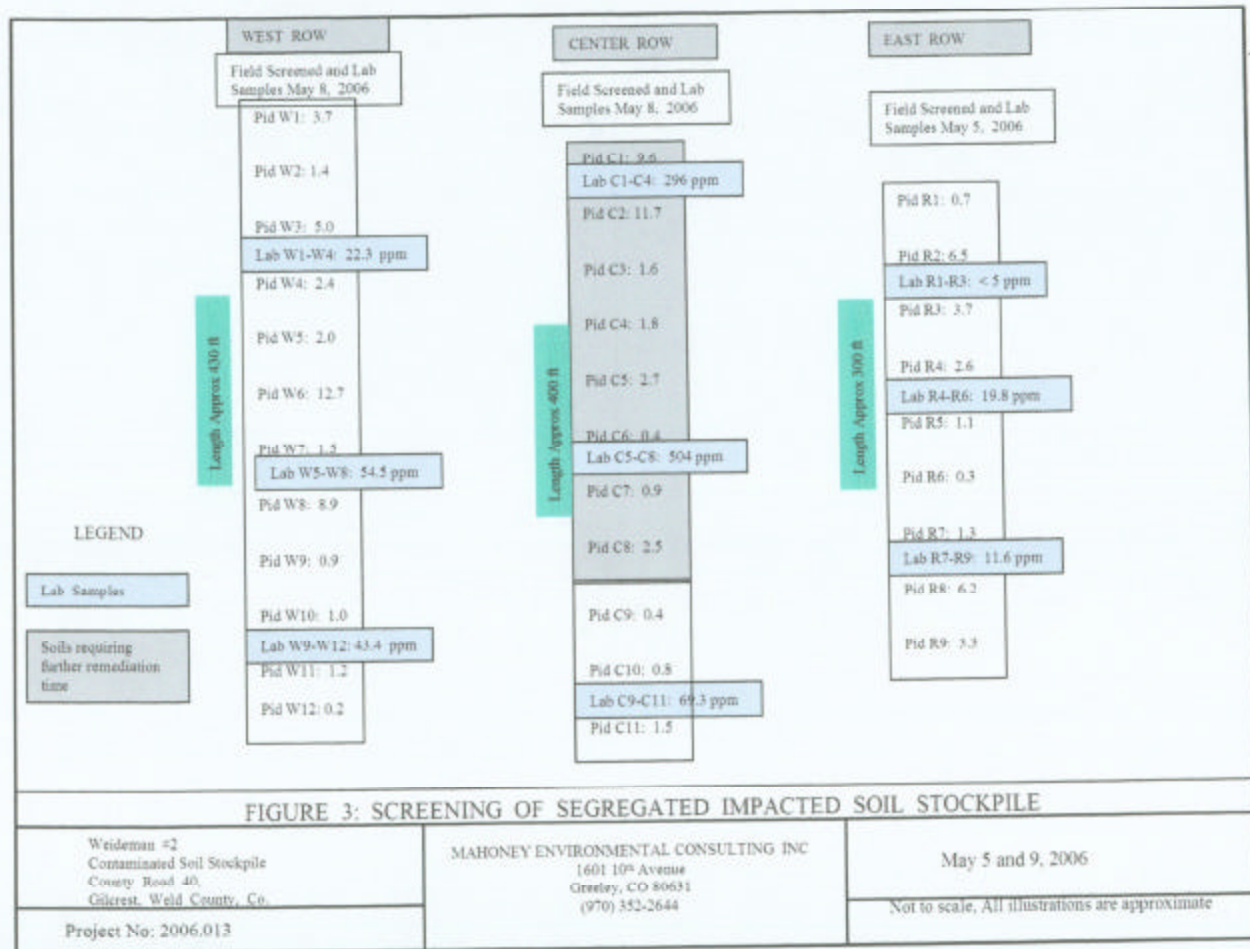


FIGURE 2: Sample Screening of Mixing Stockpile

Weideman #2 Excavation Remediation Soil Stockpile County Road 40, Güerest, Weld County, Co.	MAHONEY ENVIRONMENTAL CONSULTING INC 1601 10 th Avenue GREELEY, CO 80631 (970) 352-2644 (TEL)	May 5 and 9, 2006
Project No: 2006.013		Not to scale, All illustrated locations are approximate



WELD LABORATORIES, INC.

1527 First Avenue • Greeley, Colorado 80631

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May 30, 2006

Mahoney Environmental Consulting

1601 10th Ave.

Greeley, CO 80631

Laboratory No. E6128-4 (Corrected report)

Date Sampled: 5/5/2006

Date Received: 5/8/2006

Method of Analysis: 418.1

Sample ID	TRPH (mg/kg)
1-3 Dirt Pile	11.1
4-8 Mitcord	less than 5
R7-R9	11.6
R4-R7	19.8
R1-R3	less than 5


Project Manager

5/30/06
Date

WELD LABORATORIES, INC.

1527 First Avenue • Greeley, Colorado 80631

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May 25, 2006

Mahoney Environmental Consulting

1601 10th Ave.

Greeley, CO 80631

Laboratory No. E6129-2-1

Project: Wiedeman Land Farm

Date Sampled: 5/9/2006

Date Received: 5/9/2006

Method of Analysis: 418.1

Sample ID

TRPH (mg/kg)

C1-4

296

C5-8

504

C9-11

69.3

W1-4

22.3

W5-8

54.5

W9-12

43.4


Project Manager

5/25/06
Date

John H. H. H. H.

Weld Laboratories, Inc.

Greeley, CO 80631

Signature _____

Print Name W. M. M. M.

Signature _____

Analysis

Comments:

16-1301

104

10

21

Time

10

Figure 1

Figure 1

Timber

10

10

1004

Time

Method of shipment: