100703

LANL

2001 NFA sampling

Field Notebook for SWMUs 03-001(k), 03-003(c), 03-011, 03-049(e), 03-056(a), 27-003, 39-007(a), 60-002, 60-007(a), and C-09-001

31018

S

Date: Monday, July 23, 2001
Time: 8:50 am
Technical Area: TA-3 3-049(c)
Operable Unit: 1114
Site Work Plan:
Signature: Elisha N. Vigil
Comments: personnel on site Paula, Roy, and Elisha, Consuelo (ESH-18)
Weather - overcast cool ≈ 71°, samples sediment / soil / tuff; photograph taken 1st sample looking N #54 (Paula Bertino); 2nd sample #53 (organic soil (Paula) ≈ 45 ft south of outfall; 3rd sample (Consuelo) #52 soil / sediment ≈ 10 ft from outfall pipe; sample #1 picture #51 ≈ 20 ft from outfall pipe 9:15 am partly cloudy, sediment / soil tuff organic material moisture in soil due to rain on July 22, 2001. Less gravel than others *duplicate sample*
GPS info accuracy 23 ft N 32°
52 14.8"
W 106° 19' 02.2"
left site at 9:30 am

27+28
26
25
3-01-0024

27-003

Date: Monday, July 23, 2001
Time: 9:45 am
Technical Area: 60
Operable unit: 1114
See Work Plan:
Signature: Enrico N. Vigil
Comments: Usma Mesa 60-007(a)
sampling to surface soil samples
TPH, PCB, metals

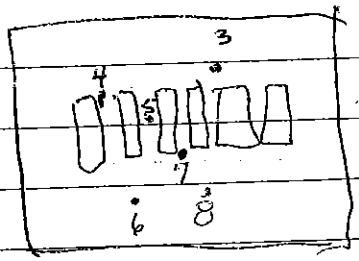
9:45am RC 60-01-0003 gravelly, no detectable odors, no staining, sandy (soil/sediment) north east portion of PRS 0-6 inches photograph # 50

9:55 am RC 60-01-0004 sand, gravel, moisture, photograph # 49 north west portion of PRS; no staining no odors 0-6 inches

RC 60-01-0005 See Paula
Between 2nd + 3rd trailers from west

10:00 am RC 60-01-0006 sand, gravel, road base on top south western portion of PRS no odors, no staining, dry # 48

3



RC 60-01-0007 See Paula

10:10am RC 60-01-0008 sandy, no odor, no visible staining, gravel, no moisture south eastern portion of PRS
photo # 16
GPS info RC-01-0006
17 ft
N 35° 51' 57.8" W 106° 17' 20.5"
departure from site 10:40 am
Date: 7.23.01
Time: 10:50 am
TH: 3
Operable Unit: 1114
Site Work Plan:
Signature:
Comments: RC03-01-0022, 0-6 inches,
Date: 7.23.01
Time: 1:50 pm
TH: 27 27-003
operable unit: 1093
Site Work Plan:
Signature:
Comments: 6 samples

4

RC27-01-0001 photo # 36
RC27-01-0002 photo # 37
RC27-01-0003 photo # 35
RC27-01-0004 photo # 34) 33
RC27-01-0005 photo #
RC27-01-0006 photo # 32

N

x 0001

x 0002

x 0004

x 0003

x 0006

x 0005

RC27-01-0006
GIS info.
accuracy 30ft
N 35° 45' 53.4"
W 106° 14' 54.0"

RC27-01-0005
accuracy 15
N 35° 49' 53.0"
W 106° 14' 53.5"

RC27-01-0004
accuracy 18 ft
N 35° 49' 53.0"
W 106° 14' 53.2"

RC27-0003
Accuracy 16 ft
N 35° 49' 52.7"
W 106° 14' 52.9"

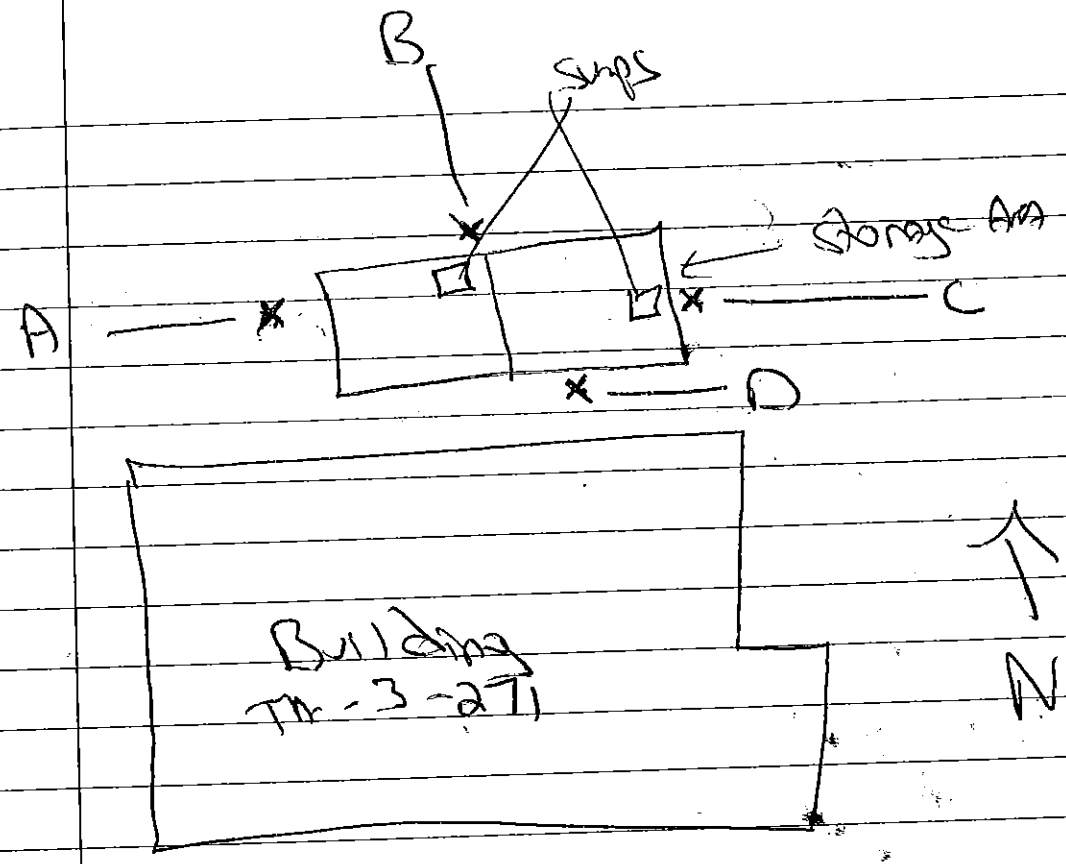
RC27-01-0002 accuracy 19 ft
N 35° 49' 53.1"
W 106° 14' 52.6"

RC27-01-0001
accuracy 20 ft.
N 35° 49' 53.3"
W 106° 14' 52.5"

8

Date: Tuesday,
Time: 8:40 am
TA: 3-056(a)
Operator Unit: 1114
Site Work plan:
Signature: Elvira U. Bijil
Comments: Roy Bohn, Elvira Vijil,
Consuelo Montoya,
RC03-01-0049
0048
0041
0042
0043
0044
0046
0047
0050

No gin flag - refer to
drawing at site on
page 9



3-001 (K)

Sample Location IDs

A -
- adjacent to NW corner of storage - former battery storage area

B -
adjacent to North side of storage area - downgradient of sump

C -
adjacent to east side of storage area - downgradient of sump

D -
adjacent to South side of storage area - location of drum ring stain

Chain of Custody X = not collected

location ID 03-14481

photo #30 Location A: RC03-01-0021 soil (2) 9:15 9:15

RC03-01-0046 debris pavement (1) 9:25

[redacted] location ID 03-14485

~5 asphalt 6 in thick

photo #29 Location B: RC03-01-0042 soil (2) 9:50 9:50

asphalt 6 in thick location ID 03-14482

RC03-01-0047 debris pavement (1) 9:55

location ID 03-14486

photo #27 Location C: RC03-01-0043 soil (2) 9:40am 9:40

asphalt 2in thick location ID 03-14483

RC03-01-0048 debris pavement (1) 9:45am

location ID 03-14487

photo #28 Location D: RC03-01-0044 soil (2) 9:32am 9:30

asphalt 6in thick location ID 03-14484

RC03-01-0049 debris pavement (1) 9:35

location ID 03-14488

samples collected { soil → 1 metals 1 TPH
debris pavement → 1 metals

Date: 7/24/01
Time: 10:30
TA: 3 BRS 3-001 (K)
Operable Unit: 1114
Site Work Plan
Signature: Elisha N. Pigil
Comments: Van de Graaff Bldg

→ Photos # 27 & 26 show four sample locations on southside of the building

RC03-01-0001 Sample type - debris pavement (4)
location ID 03-14446

RC03-01-0006 Sample type - soil (8) 10:35
location ID 03-14450

encore trip blank for 7/24/01
RC03-01-0011 clean sand,
no moisture provided by Washington Group

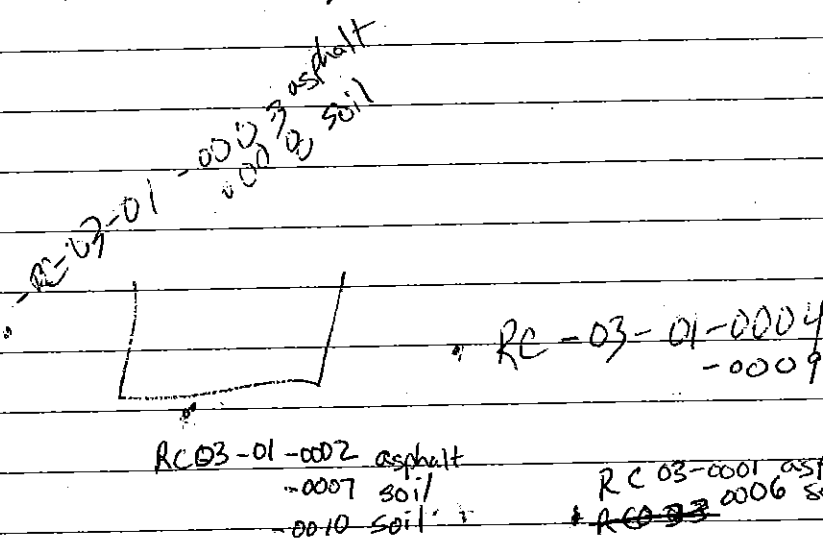
RC03-01-0007 RC03-01-0007 (8)
Soil location ID 03-14451

Duplicate RC03-01-0010
Soil location ID N/A

3-001 (K)

RC03-01-0008 Soil 11:15 am
location ID 03-14452
RC03-01-0005 debris pavement
location ID N/A
RC03-01-0003 debris pavement
location ID 03-14448
RC03-01-0009 soil
location ID 03-14453
RC03-01-0004 debris pavement
location ID 03-14449

duplicate 3 soil



Date: 7.25.01
Time: 7:20
TH: 3 PRO 3-003 (c)
Operable Unit: 1114
Site Work Plan:
Signature: Elvira Sijil
Comments: personnel on site Elvira, Roy, Consuelo
Cut through asphalt w/Chipper
* RC03-01-0012 debris-pavement 03-14454
soil location
RC03-01-0015

* RC03-01-0014 debris pavement 03-14456
* RC03-01-0017 soil 03-14459

RC03-01-0013 (P) debris pavement 03-14455
RC03-01-0016 soil 03-14458

3-003(c)
10-5

14

PRS 03-003(c)

Buildings

photo #23

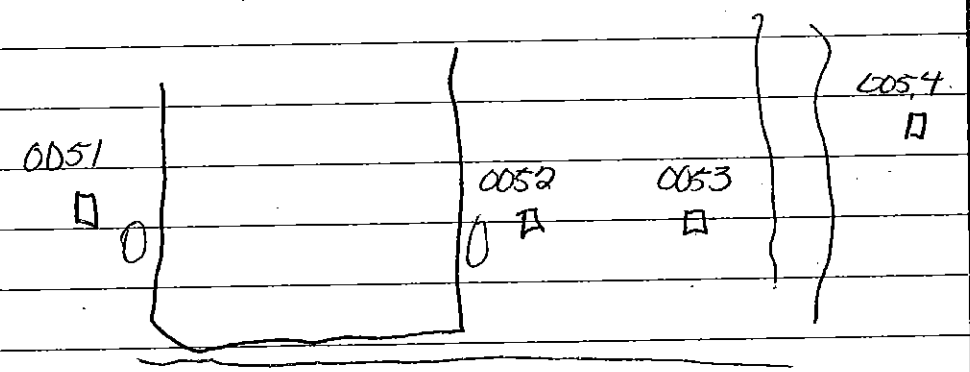
☐ RC03-01-0013 (P)
RC03-01-0016 (S)

☐ RC03-01-0017 (S) photo #24
RC03-01-0014 (P)

☐ RC-01-0012 (P) photo # 25
RC-01-0015 (S)

Date: 7/25/01
Time: 8:10 am
JA: 3 PRS 3-011
Operable Unit:
Site Work Plan:
Signature: Eluska Soja
Comments: Roy, Consuelo, Eluska
RC03-01-0051 photo # 22
RC03-01-0052 photo # 21
RC03-01-0053 photo # 20
RC03-01-0054 photo # 19

3-011



16

IA: 60-002
Date: 7/25/01
Time: 8:40 am
photo #18 RC60-01-0001
Operable Unit: 1114
Signature: Elisha Ujiri
Comments: Ray, Consuelo, Elisha
photo # 18
RC60-01-0001
Location ID 60-1000

RC60-01-0015 photo # 17

Date: 7/26/01
Time: 1:30
TA: 60 60-007(b)

60-002
GPS info

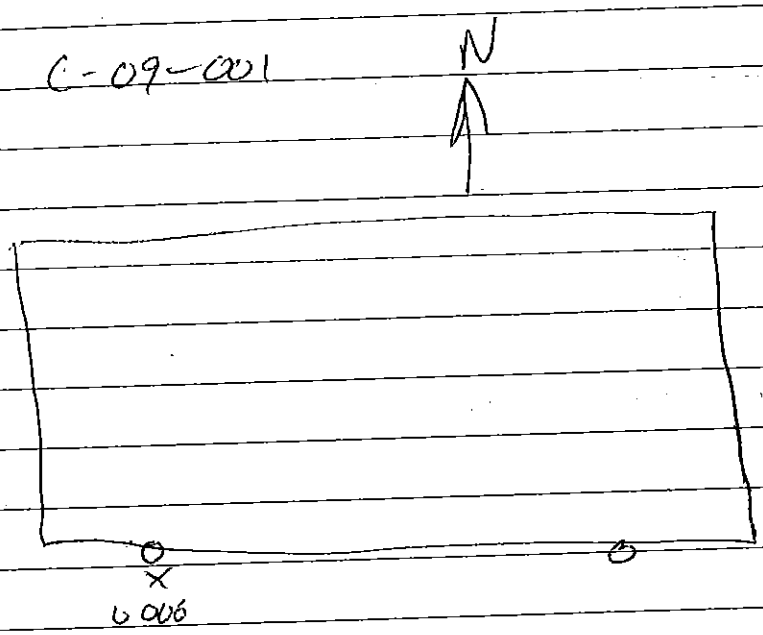
Roy, Paula, Elisha, Consuelo
7-26-01 2:00 pm

RC60-01-0016
Accuracy 17 ft
N 35° 52' 15.7"
W 106° 18' 47.7"

RC60-01-0018
Accuracy 16 ft
N 35° 52' 14.8"
W 106° 18' 47.5"

RC60-01-0017
Accuracy 17 ft
N 35° 52' 16.2"
W 106° 18' 47.4"

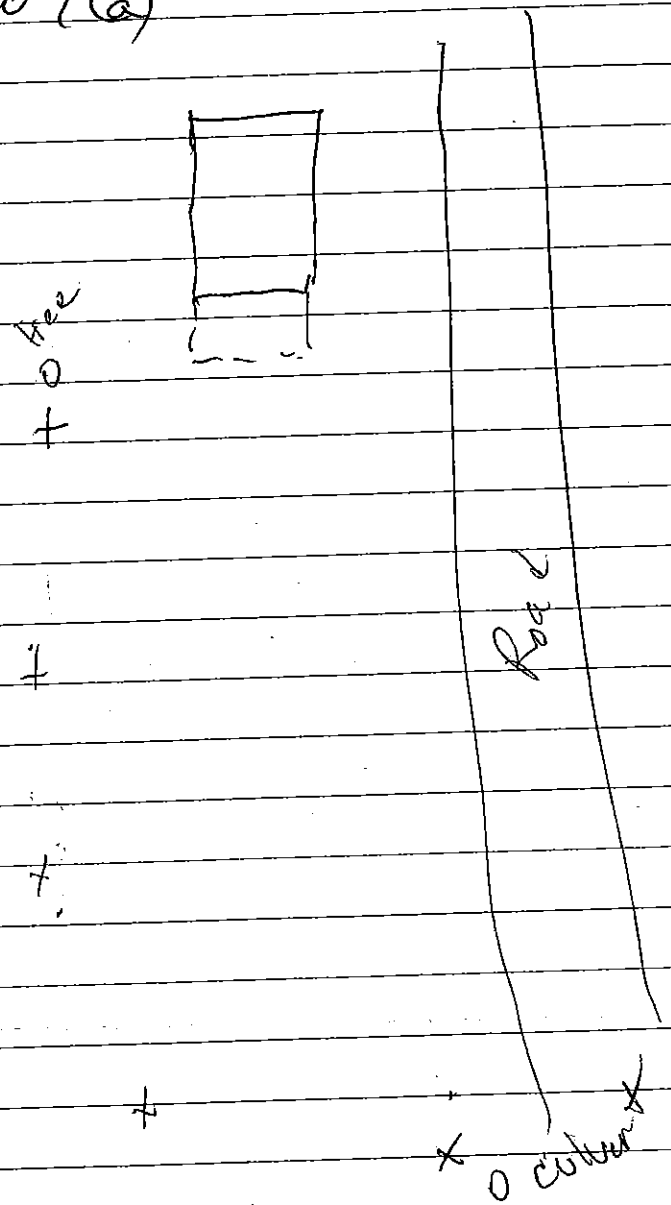
7-21-9 C-09-001



Consuelo Montoya
Roy Rohn

RC09-01-0002 0800 hrs
0001 0815 hrs
0006 0830 hrs
0007 field Duplicate of 0006
0003 0830
0004 0900
0005 0900

7/24/01 39-007(a)



RC 39-01 -0001 1010 hrs
0002 1015 hrs
0003 1020 hrs
0004 1025
0005 1030

22

3/13/02 Bill Kopp Survey Coordinates
Roy Cohn

0900 hrs - 0930 3-011

0940 - 0955 3-003

1010 - 1025 3 - 0496

1030 60-002 dirtpile
RC60-01-0001

1045 60-002 debris pile
RC 60-01 - 0002