

**Cross-Reference of NMED NOD Comments and Revisions to the
Upper Sandia Canyon Aggregate Area Phase II Investigation Work Plan**

NMED NOD Comment No.	Summary of NOD Comment	Section(s)/Page(s) in Original Report	Section(s)/Page(s) in Revised Report	Nature of Revision
General Comments				
1a	Extend the depth of the boring to 30 ft at location 9a-1 to define the vertical extent of chromium contamination. Also include lead analyses in the analytical suite for all samples to be collected from the boring location 9a-1.	Section 4.1.3.3, p. 8	Table 4.1-6	Added 29–30 ft below ground surface (bgs) sampling interval to location 9a-1.
1b	Include analyses of inorganic chemicals for samples to be collected from locations 03-608181 and 03-608182.	Section 4.1.3.3, p. 8	Section 4.1.3.3, pp.8–9 Table 4.1-6	Added analysis of target analyte list (TAL) metals to both sampling locations and added a sampling interval of 29–30 ft bgs for consistency.
2	Clarify if the dimensions of the four sludge beds at Solid Waste Management Units (SWMUs) 03-014(k,l,m,n) are reported incorrectly or the SWMU boundaries indicated in the figure are incorrect or depict areas larger than the sludge-drying beds.	Section 4.1.9.1, p. 16 Figure 4.1-6	Sections 4.1.9.1, p. 16 4.1.10.1, p. 18 4.1.11.1, p. 18 4.1.12.1, p.19	Updated text to correct dimensions of sludge-drying beds. No change to figure is necessary.
3a	Include cyanide in the analytical suite for samples to be collected from proposed location 14k-4 to define the lateral extent of cyanide.	Section 4.1.9.3, p. 17	Sections 4.1.9.2, p. 17 4.1.9.3, p. 17 Table 4.1-18	Revised text to indicate lateral extent of cyanide is not defined north of location 03-608273. Added analysis of cyanide at location 14k-4.
3b	Include lead analysis in the analytical suite for samples to be collected from proposed location 14k-3 to define the lateral extent of lead.	Section 4.1.9.3, p. 17	Section 4.1.9.3, p. 17 Table 4.1-18	Added analysis of lead at proposed location 14k-3.
3c	Collect two samples from 10–11 ft and 14–15 ft bgs at location 03-03265 to define the vertical extent of silver and revise the text and tables accordingly.	Section 4.1.9.3, p. 17	Sections 4.1.9.2, p. 17 4.1.9.3, p. 17 Table 4.1-18	Revised text to indicate vertical extent of silver is not defined at location 03-03265. Added analysis of silver at location 03-03265.
3d	Include tritium analysis for samples to be collected from location 14k-3.	Section 4.1.9.3, p. 17	Sections 4.1.9.2, p. 17 4.1.9.3, p. 17 Table 4.1-18	Revised text to indicate lateral extent of tritium is not defined east of location 03-608270. Added analysis of tritium at proposed location 14k-3.

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4	Resolve the discrepancies for Aroclor-1254 and Aroclor-1260 and revise the proposed sampling to add polychlorinated biphenyl (PCB) analyses at location 14o-1.	Section 4.1.13.2, p. 20	Sections 4.1.13.2, p. 20 4.1.13.3, p. 21 Table 4.1-20	Revised text to indicate vertical extent of Aroclor-1260 is not defined at location 03-608279 and lateral extent of Aroclor-1254 is not defined east of location 03-608277. Added analysis of PCBs at proposed location 14o-1.
5	Revise Figure 4.1-6 to depict the proposed sampling locations accurately.	Section 4.1.14.3, p. 22 Figure 4.1-6	Figure 4.1-6	Removed triangle at proposed sampling location 03-608287.
6	Clarify if location 03-608197 in Figure 4.1-4 is a proposed sampling location and revise text accordingly.	Section 4.1.20.3, p. 30 Figure 4.1-4	Figure 4.1-4	Removed triangle depicting outfall at location 03-608197 from figure.
7	Clarify if contamination from SWMU 03-045(h) migrated to the north and south of the site (to Sandia and Mortandad Canyons, respectively) and whether these potentially contaminated areas were investigated separately.	Section 4.1.25.1, p. 35	Section 4.1.25.1, p. 35	Added text to indicate the northward flow will be investigated in this work plan, and the southward flow will be investigated separately as part of the Phase II investigation for Upper Mortandad Canyon Aggregate Area.
8	Resolve the discrepancy for the extent of metals reported at location MO-604952 and revise the analytical suite accordingly.	Section 4.1.25.2, p. 36	Sections 4.1.25.2, p. 36 4.1.25.3, p. 36	Revised text to indicate vertical extent of inorganic chemicals is not defined at location MO-604952. Added analysis of TAL metals.
9	Correct the statement regarding extent of benzo(b)fluoranthene; fluoranthene; and indeno(1,2,3-cd)pyrene to reflect the accurate characterization of the site.	Section 4.1.28.2, pp. 39-40	Section 4.1.28.2, p. 40	Removed first part of sentence indicating concentrations were not detected at upgradient locations.

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10	Revise text to resolve discrepancy indicating extent of benzo(a)anthracene; benzo(a)pyrene; benzo(b)fluoranthene; benzo(g,h,i)perylene; chrysene; fluoranthene; and indeno(1,2,3-cd)pyrene is not defined only at location 03-608386 and 03-608377.	Section 4.1.34.2, p. 47	Section 4.1.34.2, p. 47	Revised text to indicate vertical extent of benzo(a)anthracene; benzo(a)pyrene; benzo(b)fluoranthene; benzo(g,h,i)perylene; chrysene; fluoranthene; and indeno(1,2,3-cd)pyrene is not defined at locations 03-608386 and 03-608377.
11	Revise text to include analysis of total petroleum hydrocarbon–diesel range organics TPH-DRO using U.S. Environmental Protection Agency (EPA) Method 8015M for samples proposed to be collected from locations 60-10001, 60-10004, 60-10005, and 60-10006.	Section 4.2.4.3, p. 53	Table 5.8-1	Replaced EPA Method 8015B with 8015M for TPH-DRO analysis.
12	Revise the text and table to include a detailed description of the methods used to collect samples for volatile organic compound (VOC) analyses.	Section 5.3, pp. 56–57	n/a*	Description of how samples are collected to minimize loss of VOCs is included in SOPs referenced in section 5.0. No changes to text or table are necessary.

*n/a = Not applicable.