

Wayne - for your info  
*Law*

M.A. Kogel  
H-15

Notes from Conversation with Bill Maraman and Wilbur McNeese, 5/31/79, by L. Walker (Maraman= 4563, McNeese=2601, Walker=7952)

Concerning possible sites of contamination in DP area

0577 TA-21  
General

1. DP Acid Digester Pit. About 4 x 4 ft., about 200 ft west of Bldg. 212, about half way between Bldgs. 210 and 220. LASL coordinates about 151 and 90+50. Pulled up and paved about 1966.
2. Waste Treatment Lab, across from old laundry, Bldg. 20. Was old Bldg. 33, waste trtmnt lab, cleaned up and used as safety and driver's license bldg., finally removed. Had its own septic tank, with waste field to south in a V from Bldgs. 269 and 260. LASL coordinates about 145 and 90.
3. They feel as tho some of the ground around Bldg. 12 may be contaminated, and suggest we talk with Ray Garde about this. Bldg. 12 was removed in 1973.
4. Area south of Bldg. 43 may be cont'd. due to overflow of recirculated chill water system. This was the old pump house, removed 1960.
5. The Bldg. 120 area had an old waste treatment area with french drains to open pits around Bldg. 186. Suggest we talk with C. W. Christiansen about th's. 186 is an acid pit at LASL coordinates 157+50 and 90, in waste disposal area 2
6. On the east side of Bldg. 4 South, there was a gaping hole in the tunnel, which leached out with HF water. USGS sampled the water down-canyon. The hole was covered with plywood and tar. 155 + and 86 + .
7. There were wells at the ends of Bldgs. 80, 82, 84, 86, 87, and 89, which were laid-up brick cisterns, and may have had some hot waste dumped into these. It is thought that these are currently being dug out; suggested we talk with John Anderson and Ray Garde. These cisterns are near the north ends of the DP-2,3,4, and 5 Bldgs.



8. There was a cast iron waste line from 80 to 516 to 94 involving the nedge (?) buildings. Line was abandoned because of leaks. North side of Bldgs. 3, 4, and 150.
  
9. Floor drains in Bldg. 81 ran north to daylight, and there were some spills in the bldg. According to the LASL Tech Area Structure Location Plan, DP-81 is a manhole at 152+50 and 87+50.
  
10. Bill and Mac asked whether 335 might have been a hot tank. 335 is listed as a containment vessel, at 155 and 92+50.
  
11. On several occasions the paved surface between Bldgs. 2 and 3 (north side) was contaminated. The surface was cleaned up as well as possible, and if still some activity left, another layer of paving added. Thus there may be some contamination sandwiched between pavement layers in this area.
  
12. Some overflow was thought to occur from tank trailers south of Bldg. 2 to the canyon on occasion.
  
13. There was a buried trench on the south side from Bldg. 2 to 3, which contained ether extraction lines. Thought to be very hot. Said that the pipe was removed but that the concrete trench is still there. Located just north of the equipment rooms at the south end of each bldg.
  
14. The equipment rooms at the south end of each of the above bldgs. contained a sump pump, and it was suggested that these sumps be surveyed

15. The showers which were used in 101-248 (?) drained to about 19 sept'c tanks, and these areas should be surveyed for contamination.

The area about 31 is probably not contaminated, per Bill and Mac.

16. The area around the 272 dock, just at end of 2 had a french drain, with a solutions room right above it. Some waste was dumped or pumped into a stone pit. 272 is a concrete pad on the west side of Bldg. 3, 155. and 87+50.

17. Some contamination went up the stacks and probably landed on the ground south of Bldgs. 4 and 5, and is between the layers of the paving.

18. The General's tanks; Trailers were parked on the pad and around the tanks, so there may be some contamination in this (these) area(s).

19. Area A was a "dump". Materials were placed under the surface and on the surface awaiting burial, especially at the east end, even after the blacktop was applied. It is thought that some barells may have leaked.

20. The west end of the Area A disposal pits was pretty deep, and received the ductwork from Bldg. 12. Also the old stack from Bldg. 12. Harry Jordan did his Ph.D. thesis on stack fallout from Bldg. 12. Talk with Ray Garde about this area. It is now incorporated into TA-0-516 at 155 and 87 +50.

21. Waste disposal area B contains the sea disposal casks (steel casks) and some old trucks.

22. There are rumors (unreconciled) of thoughts of another original dump. Dean Meyers is thought to have studied this.

23. For information about Bayo Canyon, talk with Dave Shaffer, CMB-14;  
Joe A. Leavy, DOE Reactor Dev. Section, Wash. D.C. or/and;  
F. J. Fitzgibbon.

End of comments from Bill Maraman and Wilbur McNeese .