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NTC ORLANDO
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LETTER REGARDING STATUS UPDATE TO INVESTIGATIVE DERIVED WASTE
ANALYTICAL DATA FROM STUDY AREA 52 NTC ORLANDO FL
6/17/1998
ABB ENVIRONMENTAL

To: Orlando Partnering Team

From: G. Mudd, IR Tech Lead, ABB-ES

Date: June 17, 1998

Subject: Review of Soil IDW Analytical Data, Study Area 52

During supplemental screening activities at Study Area 52 (Building 7152, McCoy Annex), three monitoring wells were installed. The soil cuttings generated at each monitoring well were placed in a 55-gallon drum and classified as investigation-derived waste (IDW). Two drums of soil cuttings were allowed to be disposed of back at its point of origin. At the request of the OPT, a sample was collected from the 3rd drum containing the soil cuttings from the installation of OLD-52-13 and submitted to a laboratory for analysis of pesticides by EPA method 8080A.

The analytical results only detected dieldrin in excess of the detection limits. Dieldrin was measured at 14 micrograms/kilogram (ug/kg) The residential soil cleanup goal (SCG) for dieldrin is 70 ug/kg and the leaching SCG is 20 ug/kg.

Based on these circumstances, Harding Lawson Associates (formerly ABB-BS) recommends that the IDW be disposed of back at its point of origin.

ABB ENVIRONMENTAL SERVICES, INC.

Lab Name: QUANTERRA

BDG Number:

Matrix: (soil/water) SOLID

Lab Sample ID: ABE010114 004

Method: SW846 8080A

Pesticides/PCB (8080A)

Sample WT/Vol: 10.07 / g

Date Received: 04/30/98

Work Order: COTMK102

Date Extracted: 05/07/98

Dilution factor: 1

Date Analyzed: 05/16/98

Moisture %: 15

QC Batch: 8127147

Client Sample Id: 52Z01301

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/kg)	ug/kg
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	V
60-57-1	Dieldrin	14	
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-8	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	3.9	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	97	U