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ORIGINAL (Red)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION III
CENTRAL REGIONAL LABORATORY
839 BESTGATE ROAD
ANNAPOLIS, MARYLAND 21401
(301) 266-9180

DATE : October 27, 1987

SUBJECT: Analytical Reports for Pigeon Point Landfill

FROM : James Barron (3ES21) JB
Acting Chief, Annapolis Laboratory

TO : Joel Karmazyn (3HW34)

Attached are analytical reports for Pigeon Point Landfill. These reports are for the samples which we received at CRL on September 25, 1987. You may give me a call if you have any questions regarding these samples.

JB:jr

Attachments
a/s

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
CENTRAL REGIONAL LABORATORY
839 BESTGATE ROAD
ANNAPOLIS, MARYLAND 21401
(301) 266-9160

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DATE : October 26, 1987

SUBJECT: PCB/Pesticide Analysis of Pigeon Point Landfill
Superfund-Remedial, (10/1/87 - 10//15-/87), 870925-01-10

FROM : George E. Bagley
Chemist

TO : Jim Barron
Acting Chief, Annapolis Laboratory

THRU: John Austin
Team Leader, Organic Analysis Section

The subject water samples were extracted and run by the CLP procedure for PCB's and Pesticides. No interferences were noted at the required detection limits. All samples were run in duplicates free of cleanup. Detection limits attached.

Results are shown below:

Sample Decription and Results:

Lab No.	Description	PCB's/Pesticides
870925-01	Pigeon Point Landfill, MW25R, STA MW25R	None Detected
870925-02	Pigeon Point Landfill, MW28, STA MW28	None Detected
870925-03	Pigeon Point Landfill, MW26R, STA MW26R	None Detected
870925-04	Pigeon Point Landfill, MW27R, STA MW27R	None Detected
870925-05	Pigeon Point Landfill, MW50, STA MW50	None Detected
870925-06	Pigeon Point Landfill, MW51, STA MW51	None Detected
870925-07	Pigeon Point Landfill, MW29, STA MW29	None Detected
870925-08	Pigeon Point Landfill, MW31, STA MW31	None Detected
870925-09	Pigeon Point Landfill, MW52, STA MW52	None Detected
870925-10	Pigeon Point Landfill, MW45, STA MW45	None Detected

GEB:nt

cc: Peggy Zawodny
QCO

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Target Compound List (TCL) and Contract Required Quantitation Limits (CRQL)*

Pesticides/PCBs	CAS Number	Quantitation Limits** Water ug/L	Low Soil/Sediment[c] ug/Kg
100. alpha-BHC	319-84-6	0.05	8.0
101. beta-BHC	319-85-7	0.05	8.0
102. delta-BHC	319-86-8	0.05	8.0
103. gamma-BHC (Lindane)	58-89-9	0.05	8.0
104. Heptachlor	76-44-8	0.05	8.0
105. Aldrin	309-00-2	0.05	8.0
106. Heptachlor epoxide	1024-57-3	0.05	8.0
107. Endosulfan I	959-98-8	0.05	8.0
108. Dieldrin	60-57-1	0.10	16.0
109. 4,4'-DDE	72-55-9	0.10	16.0
110. Endrin	72-20-8	0.10	16.0
111. Endosulfan II	33213-65-9	0.10	16.0
112. 4,4'-DDD	72-54-8	0.10	16.0
113. Endosulfan sulfate	1031-07-8	0.10	16.0
114. 4,4'-DDT	50-29-3	0.10	16.0
115. Methoxychlor	72-43-5	0.5	80.0
116. Endrin ketone	53494-70-5	0.10	16.0
117. alpha-Chlordane	5103-71-9	0.05	80.0
118. gamma-Chlordane	5103-74-2	0.05	80.0
119. Toxaphene	8001-35-2	1.0	160.0
120. Aroclor-1016	12674-11-2	0.5	80.0
121. Aroclor=1221	11104-28-2	0.5	80.0
122. Aroclor-1232	11141-16-5	0.5	80.0
123. Aroclor-1242	53469-21-9	0.5	80.0
124. Aroclor-1248	12672-29-6	0.5	80.0
125. Aroclor-1254	11097-69-1	1.0	160.0
126. Aroclor-1260	11096-82-5	1.0	160.0

[c]Medium Soil/Sediment Contract Required Quantitation Limits (CRQL) for Pesticide/PCB TCL compounds are 15 times the individual Low Soil/Sediment CRQL.

*Specific quantitation limits are highly matrix dependent. The quantitation limits listed herein are provided for guidance and may not always be achievable.

**Quantitation limits listed for soil/sediment are based on wet weight. The quantitation Limits calculated by the laboratory for soil/sediment, calculated on dry weight basis as required by the contract, will be higher.