



Date of Issue: 10/29/2016 04:03:55

DEP Bureau of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

NELAP - accredited by
NJ DEP - Laboratory Number: PA059
PA DEP LAP - DEP Lab ID: 22-00223

Sample ID: 2367 277

Date Collected: 10/11/2016 11:20:00 AM

Lab Sample ID: 02016007606

Status: Completed

Analytical Report For
Bureau Of Investigations

Name of Sample Collector: Tony Martinelli

Date Received: 10/12/2016

County: Somerset

Municipality: Elk Lick Twp

State:

Sample Medium: Wood

Sample Medium Type: Wood

Location: Sprint pole

Reason: Investigation

Project: NOT INDICATED

Suite: SV-SW

Matrix: Soil

Legal Seal: 1074130 Intact: Yes

Stream Condition:

Sample Comment: using cordless drill and 1/2 inch augur bit

Sample Lab Comment: This sample contained the following Tentatively Identified Compounds: biphenyl; substituted biphenyl; naphthalic anhydride; dibenzothiophene; carbazole;
miscellaneous substituted PAHs.

Appearance: black wood

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
95943 1,2,4,5-Tetrachlorobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D

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120821 1,2,4-Trichlorobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
95501 1,2-Dichlorobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
541731 1,3-Dichlorobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
99650 1,3-Dinitrobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
106467 1,4-Dichlorobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
130154 1,4-Naphthoquinone	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
90131 1-Chloronaphthalene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
90120 1-Methylnaphthalene	861 MG/KG	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
108-60-1 2,2-oxybis(1-Chloropropane)	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
58902 2,3,4,6-Tetrachlorophenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
95954 2,4,5-Trichlorophenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
88062 2,4,6-Trichlorophenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
120832 2,4-Dichlorophenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
105679 2,4-Dimethylphenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
51285 2,4-Dinitrophenol	583 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
The second source standard recovery was low. Results and/or reporting limits may be biased low. Low-level LFB recovery low. Reporting limit may be biased low. Continuing calibration recoveries low. Results may be biased low.				
121142 2,4-Dinitrotoluene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
87650 2,6-Dichlorophenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
606202 2,6-Dinitrotoluene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
53963 2-Acetylaminofluorene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
91587 2-Chloronaphthalene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
95578 2-Chlorophenol	1440 MG/KG (Q)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
91576 2-Methylnaphthalene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
95487 2-Methylphenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
88744 2-Nitroaniline	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
88755 2-Nitrophenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
109068 2-Picoline (2-Methylpyridine)	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
1319773 3&4-Methylphenol	233 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
91941 3,3-Dichlorobenzidine	58.3 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
56495 3-Methylcholanthrene	58.3 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
99092 3-Nitroaniline	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
534521 4,6-Dinitro-2-methylphenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
92671 4-Aminobiphenyl	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
101553 4-Bromophenyl-phenyl ether	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
59507 4-Chloro-3-methylphenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D

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106478 4-Chloroaniline	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
7005723 4-Chlorophenyl-phenyl ether	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
100016 4-Nitroaniline	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
100027 4-Nitrophenol	583 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
99558 5-Nitro-o-toluidine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
57976 7,12-Dimethylbenz(a)-anthracen	58.3 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
83329 Acenaphthene	3140 MG/KG (Q)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
208968 Acenaphthylene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
98862 Acetophenone	233 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
62533 Aniline	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
120127 Anthracene	2980 MG/KG (Q)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
140578 Atramite	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
98555 a-Terpineol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
56553 Benz(a)anthracene	1340 MG/KG (Q)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
50328 Benz(o)a)pyrene	279 MG/KG	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
205992 Benzo(b)fluoranthene	800 MG/KG (Q)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
191242 Benzo(g,h,i)perylene	45.8 MG/KG (J)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
Low-level LFB recovery low. Reporting limit may be biased low. Continuing calibration recoveries low. Results may be biased low.				
207089 Benzo(k)fluoranthene	297 MG/KG	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
100516 Benzyl alcohol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
111911 bis(2-Chloroethoxy)methane	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
111444 bis(2-Chloroethyl)ether	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
117817 bis(2-Ethylhexyl)phthalate	58.3 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
85687 Butylbenzylphthalate	58.3 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
510156 Chlorobenzilate	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
218019 Chrysene	1590 MG/KG (Q)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
2303164 Diallate (Cis & Trans)	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
53703 Dibenz(o,a,h)anthracene	56.4 MG/KG (J)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
Continuing calibration recoveries low. Results may be biased low.				
132649 Dibenzofuran	2370 MG/KG (Q)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
84662 Diethylphthalate	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
60515 Dimethoate	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
60117 Dimethylaminoazobenzene	58.3 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
131113 Dimethylphthalate	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
84742 Di-n-butylphthalate	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
117840 Di-n-octylphthalate	58.3 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D

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88857 Dimoseb	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
Low-level LFB recovery low. Reporting limit may be biased low.				
122394 Diphenylamine	233 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
298044 Disulfoton	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
62500 Ethyl methanesulfonate	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
56382 Ethyl Parathion	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
EXTRACTED DATE				
206440 Fluoranthene	8640 MG/KG (Q)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
86737 Fluorene	2620 MG/KG (Q)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
118741 Hexachlorobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
87683 Hexachlorobutadiene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
77474 Hexachlorocyclopentadiene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
Continuing calibration recoveries low. Results may be biased low.				
67721 Hexachloroethane	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
1888717 Hexachloropropene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
193395 Indeno-1,2,3-cd-pyrene	45.1 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
Low-level LFB recovery low. Reporting limit may be biased low. Continuing calibration recoveries low. Results may be biased low.				
465736 Isodrin	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
78591 Isophorone	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
120581 Isosafrole	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
66273 Methyl Methanesulfonate	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
298000 Methyl Parathion	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
91203 Naphthalene	1120 MG/KG	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
98953 Nitrobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
924163 N-Nitrosodibutylamine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
55185 N-Nitrosodimethylamine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
62759 N-Nitrosodipropylamine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
621647 N-Nitrosodipropylamine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
10595956 N-Nitrosomethylethylamine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
59892 N-Nitrosomorpholine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
100754 N-nitrosopiperidine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
930552 N-Nitrosopyrrolidine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
126681 O,O,O-Triethylphosphorothioate	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
95534 o-Toluidine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
76017 Pentachloroethane	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
608935 Pentachlorobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D

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Status: Completed

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82688 Pentachloronitrobenzene	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
87865 Pentachlorophenol	233 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
85018 Phenanthrene	11800 MG/KG	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
108952 Phenol	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
298022 Phorate	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
23950585 Pronamide	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
129000 Pyrene	4390 MG/KG	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
110861 Pyridine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
94597 Sarcosine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
3689245 Sulfotep	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D
297972 Thionazine	116 MG/KG (U)	10/25/2016 02:00 AM	CARWALTER	EPA 8270D

The results of the analyses provided in this laboratory report relate only to the sample(s) identified therein. Unless otherwise noted, the results presented on this laboratory report meet all requirements of the 2009 TNI standard. Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.

* denotes tests that the laboratory is not accredited for

** Laboratory is accredited by NJ NELAP, parameter not offered by PA LAP

Taru Upadhyay, Technical Director, Bureau of Laboratories

ORGANICS LABORATORY QUALIFIERS

- U - Indicates analysis was performed for the compound but it was not detected. The sample quantitation limit is reported.
- J - Indicates an estimated value, below the quantitation limit, but above the method detection limit.
- N - Indicates presumptive evidence of a compound.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- P - This flag is used with a target analyte when there is greater than a 25% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (e.g. pesticides, triazines, PCBs, etc)
- Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.
- X - Non-target analytes co-elute with compound, identification unable to be confirmed.



Date of Issue: 10/29/2016 04:08:45

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Contact Phone Number: (717) 346-7200

NEELAP - accredited by
NJ DEP - Laboratory Number: PA059
PA DEP LAP - DEP Lab ID: 22-00223

Sample ID: 2367 277 Date Collected: 10/11/2016 11:20:00 AM Status: Completed
Analytical Report For
Bureau Of Investigations Lab Sample ID: O2016007608

Name of Sample Collector: Tony Martinelli
Date Received: 10/12/2016

County: Somerset
Municipality: Elk Lick Twp

State:

Sample Medium: Wood
Sample Medium Type: Wood

Location: Sprint pole
Reason: Investigation
Project: NOT INDICATED
Suite: UVIR
Matrix: Soil

Legal Seal: 1074130 Intact: Yes

Stream Condition:

Sample Comment: using cordless drill and 1/2 inch augur bit
Sample Lab Comment: Legal seal number 1074130 verified JUBBLACK Not Covered Under NJ NELAP Accreditation
Appearance: black wood

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
EXTRACTED DATE	10/24/2016 Day	10/27/2016 01:14 PM	MESPECHT	MESPECHT
IR	IR	10/27/2016 01:14 PM	MESPECHT	MESPECHT

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Bureau Of Investigations

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Test Codes / CAS # - Description

Reported Results

Date And Time Analyzed

Analyst

Test Method

The IR scan cannot identify the compound that is present in this sample due to an unknown spectrum.

UV UV

10/24/2016 11:43 AM

MESPECHT

The UV analysis indicates a petroleum product is present in this sample, possibly coal tar.

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