

Manchester Environmental Laboratory

7411 Beach Dr E, Port Orchard Washington 98366


CASE NARRATIVE

March 27, 2000

Subject: Treoil/Cherry Point Project

Sample(s): 00108022

Officer(s): Norm Peck

By: Bob Carrell 
Organics Analysis Unit

HYDROCARBON IDENTIFICATION ANALYSES

ANALYTICAL METHOD(S):

A portion of this sample was extracted with methylene chloride and analyzed, along with various petroleum products, by capillary Gas Chromatography and with Flame Ionization Detection (GC/FID).

HOLDING TIMES:

The samples were extracted and analyzed within the recommended holding times.

BLANKS:

No target compounds/products were detected in the method blanks, thus demonstrating that the system was free from contamination.

RESULTS/COMMENTS:

The results of these analyses showed that this sample did not contain any detectable petroleum products. It also showed the presence of a number of compounds eluting in a cluster that were subsequently tentatively identified as the fatty acids, oleic and linoleic, and as several different resin acids. A conversation with Dr. Peggy Knight of the EPA, who used to work for Weyerhaeuser, stated that this material was consistent with tall oil.

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Analysis Report for

Hydrocarbon Identification

Project Name: Treoil/Cherry Point

LIMS Project ID: 1923-00

Project Officer: Norm Peck
Date Reported: 27-MAR-00

Method: HYDRO-ID
Analyte: Hydrocarbon identification

Sample	QC	Field ID	Result	Qualifier	Units	Matrix	Collected	Analyzed
* 00108022		TRE01L02		NC	ug/Kg ww	45	03/07/00	03/10/00
* OBS0070HC				NC	ug/Kg ww	45		03/10/00

Comments:

00108022 - No detectable petroleum hydrocarbons or products found. Compounds observed that were tentatively identified by GC/MS as the fatty acids, oleic and linoleic, and as resin acids.

OBS0070HC - No detectable petroleum hydrocarbons or products found.

* See comments

Authorized By: *Barrell*

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