## March Point Landfill Anacortes, WA

## Potentially Liable Parties Report

## FINAL

Prepared for

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## **Table of Contents**

#### Page

1.0	Introduction1				
2.0	Waste History1				
3.0	Methodology				
4.0	Corporate Summaries—Refineries2				
4.1	Texaco & Shell Refineries Early History				
4.2	8505 North Texas Road Facility (Shell Puget Sound Refinery)2				
4.3	10200 West March Point Road Facility (Tesoro Northwest Anacortes Refinery)3				
5.0	Corporate Summaries—Chemical Companies				
5.1	9056 North Texas Road Facility (Tecnal Corporation)				
5.2	8579 North Texas Road Facility (General Chemical)4				
6.0	Current Contact Information for Potentially Liable Parties4				
6.1	8505 North Texas Road Facility (Shell Puget Sound Refinery)4				
6.2	10200 West March Point Road Facility (Tesoro Northwest Anacortes Refinery)5				
6.3	8579 North Texas Road Facility (Allied Chemical/General Chemical Corp.)5				
6.4	9056 North Texas Road Facility (Tecnal Corporation)5				
6.5	Snow Mountain Land Company LLC (current property owner, parcels P19676,				
P19'	713)				
6.6	Skagit County (landfill operator 1961-1973)5				
6.7	Department of Natural Resources (property owner during landfill operation and current				
prop	property owner, parcel P19707)5				
7.0	List of References				

#### **Appendix A: Reference Documents**

## 1.0 Introduction

SAIC was tasked by the Washington State Department of Ecology (Ecology) to summarize file information, research the corporate history, and provide current contact information for potentially liable parties (PLPs) to identify the current liable party for generators Ecology identified as likely having contributed waste to the March Point Landfill (aka Whitmarsh Landfill) site. The four entities are Texaco, Shell, Allied Chemical, and Northwest Petro-Chem. The March Point Landfill operated from 1950 to 1973.

## 2.0 Waste History

SAIC reviewed Ecology's Whitmarsh Landfill files for details on landfill wastes in relation to the four entities (Shell and Texaco refineries, Allied Chemical, and Northwest Petro-Chem. Information regarding waste types, quantities, and sources is limited to three documents. The following is a summary of the information that exists in the files.

The first is a series of handwritten pages summarizing disposal data for waste at the Whitmarsh Landfill. Shell and Texaco are listed together as generating approximately 16% of the waste or 153 cubic yards during December 1970. No details regarding waste types are included in this document.<sup>1</sup>

The second document is a portion of the Site Hazard Assessment conducted by the Skagit County Health Department. It includes the following information provided by a former truck driver for the Shell Refinery:

- Between 1965 and 1970, wastes from the refinery were brought to the landfill.
- The driver did not know most of the waste types, since they were containerized.
- He did indicate that approximately every three months about 20 barrels of heavy catalyst from the alkylating unit was dumped at the landfill.
- A large amount of asbestos-containing material was dumped at the landfill.
- He also stated that in general the worst of the chemical waste from the refineries was sent to the nearby PM Northwest dump located on the Swinomish Reservation.<sup>2</sup>

During a site inspection on December 10, 1985, Ken Willis of the Skagit County Health Department indicated that he remembered one instance when vanadium catalysts in a powdered form were dumped at the landfill.<sup>3</sup>

## 3.0 Methodology

As directed by the Statement of Work, SAIC reviewed the documents provided by Ecology, conducted research using public online and library services, directories, and investment service publications. Additional searches were conducted using subscription services such as AutoTrackXP. Information requested by Ecology, such as general type of wastes, approximate waste quantity, and period of disposal for the identified parties, was taken from the documents provided to SAIC by Ecology.

According to a conversation with the Address Coordinator for Skagit County on March 8, 2007, the entire county went to a new address system in 1998. The old and new addresses are:

Facility Name	Old Address	New Address
Shell Puget Sound Refinery	600 South Texas Road	8505 South Texas Road
Tesoro Northwest Refinery	1031West March Point Road and	10200 West March Point
	8217 North Texas Road	Road
Allied Chemical/General	655 North Texas Road	8579 North Texas Road
Chemical		
Northwest	708 North Texas Road	9056 North Texas Road
Petrochemical/Tecnal		

## 4.0 Corporate Summaries—Refineries

### 4.1 Texaco & Shell Refineries Early History

Succinctly put, the refinery that was built by Texaco in 1955 is now known as the Shell Puget Sound refinery. The refinery built in 1958 by Shell is now known as the Tesoro refinery. Following is a short history.

**1954.** Shell began construction on the refinery, currently located at 10200 West March Point Road, Anacortes, WA 98221, in 1954, and began operations the same year. During the peak of construction a total of 3,115 workers were at the site.<sup>4</sup>

**1956.** Shell had 600 employees. Texaco was negotiating for property to build their refinery.<sup>4</sup>

**1957.** Construction began on the refinery, currently located at 8505 South Texas Road, Anacortes, WA 98221. The address was originally 600 South Texas Road, but was changed in 1998.<sup>4</sup>

**1958.** Texaco's refinery began operations. It was able to process 45,000 barrels of crude oil each day.<sup>5</sup>

**1963.** The Shell refinery expanded.

**1972.** Shell Oil began a \$25,000,000 expansion.<sup>6</sup>

### 4.2 8505 North Texas Road Facility (Shell Puget Sound Refinery)

This facility was built by Texaco and operated as a Texaco refinery until 1998, when the refinery was acquired by a joint venture between Shell and Texaco named Equilon Enterprises LLC.<sup>5</sup> It was formed by a merger of the marketing and refining operations of Shell and Texaco. On July 1, 1998, the company renamed the Texaco Refinery the Equilon Puget Sound Refining Company.<sup>7</sup>

The pre-1998 address for this facility was 600 South Texas Road.<sup>8</sup>

In October 2001, Texaco and Chevron merged, creating ChevronTexaco. Texaco was required to sell its ownership in Equilon due to the merger.<sup>5</sup>

In 2002 Shell purchased the Equilon Puget Sound Refinery and renamed it the Shell Puget Sound Refinery. It is now part of Shell Oil Products Group US.<sup>7</sup> Shell is now the exclusive owner of the facility.<sup>5</sup>

During the period of interest for the March Point Landfill, Texaco was the owner and operator of the facility, and is the likely PLP.

# 4.3 10200 West March Point Road Facility (Tesoro Northwest Anacortes Refinery)

This facility was built by Shell Oil and operated as a Shell refinery until 1998, when it was acquired by Tesoro.<sup>9</sup>

The pre-1998 addresses for the facility are 1031 West March Point Road and 8217 North Texas Road. Currently the only address for the facility is 10200 West March Point Road.<sup>8</sup>

During the period of interest for the March Point Landfill, Shell Oil was the owner and operator of the facility, and is the likely PLP.

## 5.0 Corporate Summaries—Chemical Companies

### 5.1 9056 North Texas Road Facility (Tecnal Corporation)

Stimson Lumber Company purchased Northwest Petrochemical Company in Anacortes, Washington, in 1962 because the company manufactured phenol, a chemical used in processing hardboard.<sup>10</sup> It is unknown who they purchased it from, and the research needed to make that determination falls outside the scope of work currently assigned to SAIC.

Northwest Petrochemical Company was sold in 1990 to Tecnal, Ltd., a company that was formed to purchased the chemical company.<sup>11</sup> They held the company until 1998, when it was sold to a French company, Les Derives Resiniques et Terpeniques (DRT).<sup>12</sup>

Per Skagit County Assessor records, this facility (Assessor's Parcel Number P33500) is currently owned by Tecnal Corporation, who obtained it via Warranty deed from the Tecnal Limited Partnership on August 19, 1992. The property was deeded to the Tecnal Limited Partnership on April 1, 1990, but the Assessor's records do not list the name of the previous owner.<sup>13</sup>

During the period of interest for the March Point Landfill, Stimson Lumber Company was the owner and operator of the facility for 11 years, and is a likely PLP.

### 5.2 8579 North Texas Road Facility (General Chemical)

According to a 1955 Corporate Profile in the Agricultural and Food Chemistry periodical, General Chemical was founded in 1899 and was part of a consolidation of companies that became Allied Chemical & Dye Corp.<sup>14</sup> The company changed their name to Allied Chemical Corporation in 1958, and to Allied Corp. in 1981. Allied merged with the Signal companies in 1985, and changed their name to AlliedSignal in 1993. AlliedSignal merged into Honeywell in 1999 to become the forerunner of Honeywell's Specialty Materials business.<sup>15, 16</sup>

General Chemical was a division of Allied Chemical at the time the Anacortes facility was built. The plant began operating on June 9, 1958.<sup>17</sup>

Historical telephone directories were reviewed by a researcher at the Anacortes Historical Museum for listings of chemical plants.<sup>18</sup> The directories contained the following listings for the General Chemical facility:

Year	Directory Listing	Address
1958	General Chemical	March Pt.
1960	General Chemical Division Allied Chemical Corp.	N. Texas Rd.
	G.B. Walter Supt.	P.O. Box 310
1961	General Chemical Division Allied Chemical Corp.	March Pt.
1965	General Chemical Div.	
1966	General Chemical Division Allied Chemical Corp.	March Pt.
1968	Allied Chemical corp. Industrial Chemical Division	March Pt.
1982	Allied Chemical Corp. Chemicals Company	655 N. Texas Rd.
1983	Allied Chemical	655 N, Texas Rd.

It is unknown exactly when Allied Chemical Corporation divested itself of the Anacortes facility, but it is clear from the phone listings that Allied Chemical was likely the responsible party during the period of interest, 1950–1973.

### 6.0 Current Contact Information for Potentially Liable Parties

### 6.1 8505 North Texas Road Facility (Shell Puget Sound Refinery)

Former Texaco Facility

Mr. David J. O'Reilly, Chairman and CEO Texaco, Inc. 6001 Bollinger Canyon Road San Ramon, CA 94583 Phone: 925-842-1000 Fax: 925-842-3530<sup>19, 23</sup>

# 6.2 10200 West March Point Road Facility (Tesoro Northwest Anacortes Refinery)

#### Former Shell Oil Facility

Ms. Lynn Elsenhans, CEO Shell Oil Products US 1 Shell Plaza 910 Louisiana Street Houston, TX 77002 Phone: 713-241-6161 Fax: 713-241-4044<sup>20</sup>

# 6.3 8579 North Texas Road Facility (Allied Chemical/General Chemical Corp.)

Ms. Nance Dicciani, President Honeywell Specialty Materials 101 Columbia Road Morristown, NJ 07960-4640 Phone: 973-455-2000<sup>21</sup>

#### 6.4 9056 North Texas Road Facility (Tecnal Corporation)

Mr. Andrew W. Miller, President Stimson Lumber Company 520 SW Yamhill Street, Suite 700 Portland, OR 97204 Phone: 503-295-0951 Fax: 503-295-1849<sup>22</sup>

# 6.5 Snow Mountain Land Company LLC (current property owner, parcels P19676, P19713)

Attn: Stein Svendsen 9663 S. March's Pt. Rd. Anacortes, WA 98221

#### 6.6 Skagit County (landfill operator 1961-1973)

Paul Reilly, Prosecuting Attorney 605S 3<sup>rd</sup> St Mount Vernon, WA 98273 State of Washington

# 6.7 Department of Natural Resources (property owner during landfill operation and current property owner, parcel P19707)

State Lands Division Attn: Joann Snarski PO Box 47016 Olympia, WA 98504

## 7.0 List of References

- 1. Disposal Data Whitmarsh Dump. December 1970. (Handwritten notes, unknown author and origin.)
- 2. Skagit County. Site Hazard Assessment Summary Score Sheet. February 2003.
- 3. Washington State Department of Ecology. Site Inspection Report, March Point Landfill, Anacortes, WA. March 1986.
- 4. Anacortes American. Our Century, 1950-1969. http://www.skagitpublishing.com/ourcentury/1950-1969.html
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- 19. References USA. Chevron Corp San Ramon, CA.
- 20. References USA. Shell Oil Products US Houston, TX.
- 21. References USA. Honeywell Specialty Materials Morristown, NJ.
- 22. References USA. Stimson Lumber Co Portland, OR.
- 23. D&B's Million Dollar Databases. http://mddi2.dnb.com.ezproxy.sfpl.org/mddi/CompanyInfo.aspx?edition=NA

Appendix A Reference Documents 1. Disposal Data – Whitmarsh Dump, December 1970

2. Skagit County. Site Hazard Assessment Summary Score Sheet, February 2003 3. Washington State Department of Ecology. Site Inspection Report, March Point Landfill, Anacortes, WA, March 1986 4. Anacortes American. Our Century, 1950-1969 http://www.skagitpublishing.com/ourcentury/1950-1969.html 5. Shell Puget Sound Refinery website http://www.shellpsr.com/ 6. Anacortes American. Our Century, 1970-1979 http://www.skagitpublishing.com/ourcentury/1970-1979.html 7. HistoryLink.org. The Online Encyclopedia of Washington State History

http://www.historylink.org/essays/output.cfm?file id=5618

8. Skagit County Geographic Information Services http://www.skagitcounty.net/Common/asp/ 9. Washington State Department of Ecology: Solid Waste: Industrial: Facilities – Oil Refineries

http://www.ecy.wa.gov/programs/swfa/industrial/oil1.html

10. Stimson Lumber Corporation, History http://www.stimsonlumber.com/Company/History/history.html 11. Tecnal Ltd. 'Re-Enters' Pinene and Terpene Market Chemical Marketing Reporter, v238 n11, 10 September 1990 12. France's DRT acquires Tecnal in turpentine consolidation Chemical Marketing Reporter, v238 n11, 23 February 1998 13. Skagit County Geographic Information Services http://www.skagitcounty.net/Common/asp/ 14. Corporate Profile General Chemical Division of Allied Chemical & Dye

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