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FOLDER*



State of Oregon
Department of
Environmental
Quality

Emergency Response Information System Spill Summary Report

for OERS Number: 11-1718

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:11-1718

File Name:Paramount Naphtha

QTime #:42313 Paran (for internal use only)

Status:Open

Funding Program(s):

Release

Released On: 07/18/2011

Source: Industrial Plant

Cause: Equipment Failure

Activity: Material Transfer

Weather:

Material(s) Released: 40 Gallons of Hazardous Waste

Media Affected: Soil

Description: 40 gallons of Naphtha was released to the soil due to a corroded pipe.

Report

Reported On: 07/19/2011

Reporting Party: David Broderick

Reporting Party Phone #: (503) 273-4741

DEQ Contact: Tom Hack

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin:

Basin:

Location Comment:

Responsible Party

Organization: Paramount Petroleum

Person Name: David Broderick

Phone #: 971 322-4214

Address: 5501 NW Front Ave
Portland, OR 97210-1115

County: MULTNOMAH

Tracking Task(s)

Task	Date	Performed By	Comment
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August 4, 2011

David Broderick
Paramount Petroleum
5501 NW Front Avenue
Portland, OR 97210

Re:

Naphtha Spill

OERS No. 11-1718
Dear Mr. Broderick:

On July 19, 2011 the Department of Environmental Quality (DEQ) received a report of a spill or release of naphtha from a pipe at your bulk terminal facility in Portland, Oregon. You are requested to take and/or continue all containment and cleanup actions possible to prevent the spread of the spill to public waters, groundwater or soils beyond the original spill site.

In accordance with Oregon Administrative Rules (OAR) 340-142-0090 (copy attached), you are required to submit a written report describing the spill and subsequent clean-up efforts. Enclosed is a spill report outline as a guideline so that all information that is necessary for the documentation and review of your spill report is received. In this case, given on-going remedial activities, it is permissible to detail initial discovery, response and evaluation measures in the form of a letter report instead and simply use the spill report form as a guide for what kind of information to include. We ask you to submit this information no later than September 5, 2011. Please submit the report to:

Mike Greenburg, DEQ, 2020
SW 4th Ave., Portland,
Oregon, 97201-4987.

Responsible parties are required to pay costs incurred by DEQ for oversight of the investigation and cleanup of the spill or release (Oregon Revised Statutes 465.255). DEQ oversight costs include direct and indirect costs. Direct costs include site-specific expenses and legal costs. Indirect costs are those general management and support costs of the DEQ allocable to oversee this cleanup and not charged as direct, site-specific costs.

If you have any questions about this request, please contact Mike Greenburg at (503) 229-5153.

Enclosures: OAR 340-142
Spill Report Outline

OERS Report

07/19/2011

Kimberlee Van Patten



State of Oregon
Department of
Environmental
Quality

Emergency Response Information System

Spill Summary Report

for OERS Number: 07-2101

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:07-2101

File Name:Hwy 30-Front-Kittridge asphalt emulsion

QTime #: (for internal use only)

Status:Closed

Funding Program(s):

Release

Released On: 09/12/2007

Source: Motor Vehicle - Tank Truck

Cause: Equipment Failure

Activity: Material Transport

Weather:

Material(s) Released: 142 Gallons of Oil - Other

Media Affected: Pavement, Soil

Description: Per Stephanie Carey, Paramount Petroleum 971-227-2943 at 1300 a tank truck owned by R & L Woods pulled into the Paramount facility at 5501 NW Front Ave Portland leaking tack oil, an asphalt emulsion. It developed that in addition to leaking 42 gallons onto the Paramount lot it had also leaked approximately 100 gallons of same onto Highway 30, NW Kittridge and NW Front Avenues.

Report

Reported On: 09/12/2007

Reporting Party: Stephanie Carey Para

Reporting Party Phone #: 503-273-4704

DEQ Contact: William Alsdorf

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin: LOWER WILLAMETTE

Basin: WILLAMETTE

Location Comment: And Front and Kittridge onto Highway 30.

Responsible Party

Organization: R & L Woods

Person Name: Randy Graham

Phone #: 360-303-1140

Address: PO Box 77
Deming, WA 98244-0077

County:

Tracking Task(s)

Task	Date	Performed By	Comment
Communication	09/19/2007	William Alsdorf	Spoke with Kimberlee, no report requested
Additional Information	09/12/2007	William Alsdorf	Additional DO Notes
Closed	09/19/2007	Kimberlee Van Patten	Cleaned up by NRCES with ODOT oversight.



State of Oregon
Department of
Environmental
Quality

Emergency Response Information System

Spill Summary Report

for OERS Number: 06-1149

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:06-1149

File Name:Paramount Petroleum -aka Chevron Asphalt

QTime #:39212 Paran (for internal use only)

Status:Closed

Funding Program(s):

Release

Released On: 04/21/2006

Source: Pipeline

Cause: Equipment Failure

Activity: Material Transport

Weather:

Material(s) Released: 168 Gallons of Oil - Other

Media Affected: None, Pavement

Description: Leaking pipeline under the roadway at the Paramount Petroleum facility . Leak of a couple centimeters per hour of asphalt discovered on April 21st. Cleanup completed but no efforts to repair as of this date. Total spill of approximately 168 gallons (4 barrels).

Report

Reported On: 05/05/2006

Reporting Party: Stephanie

Reporting Party Phone #: 503-273-4704

DEQ Contact: Kimberlee Van Patten

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin: LOWER WILLAMETTE

Basin: WILLAMETTE

Location Comment: 5501 NW Front Ave.

Responsible Party

Organization: Paramount Petroleum

Person Name: Stephanie Carey

Phone #: 503-273-4704

Address: 5501 NW Front Ave
Portland, OR 97210-1115

County: MULTNOMAH

Tracking Task(s)

Task	Date	Performed By	Comment
Incident Report Due	05/10/2006	Kimberlee Van Patten	Report due June 1, 2006
Communication	05/08/2006	Ray Hoy	E-mail chain and request for spill report letter and q-time project start.
Closed	06/08/2006	Ray Hoy	Ashalt leaked cleaned. Although broken pipe not fixed, not an environmental hazard.
Incident Report Review	06/08/2006	Ray Hoy	Incident report review, and no threat to environment.

SPILL/RELEASE REPORT



1 - GENERAL INFORMATION

OERS No. 06-1149

- a. Company/Individual Name: Paramount Petroleum Corp
- b. Address: 5501 NW Front Ave
Portland, OR 97210
- c. Company Contact Person: Mark Wells
- d. Phone Number(s): 206-5460-0504
- e. Specific on-site location of the release (and address if different from above):

The release was discovered in a concrete lined pipe trench between the PG lab and the Garbage Container area. The pipe trench is an engineered secondary containment area, as identified in our SPCC.

Please provide a map of the site showing area(s) where the release occurred, any sample collection locations, location of roads/ditches/surface water bodies, etc.

2 - RELEASE INFORMATION

- a. Date/Time Release started: 4/20/2006 Date/Time stopped: 4/21/2006
- b. Release was reported to (specify Date/Time/Name of Person contacted where applicable):

ODEQ 5/4/2006

OERS 5/4/2006

NRC _____

Other (describe): _____

- c. Person(s) reporting release: Mark Wells
- d. Name, quantity and physical state (gas, liquid, solid or semi-solid) of material(s) released:
Approximately 4 barrels of Husky Asphalt slowly leaked into a concrete lined open pipe trench over an unknown period of time. The product, in an elevated temperature state, is liquid, but hardens as it cools.

Please attach copies of material safety data sheets (MSDS) for released material(s).

- e. N/A The release affected: ☐ Air ☐ Groundwater ☐ Surface Water ☐ Soil ☐ Sediment
- f. Name and distance to nearest surface water body(s), even if unaffected (include locations of creeks, streams, rivers and ditches that discharge to surface water on maps):

The Willamette River, approximately 1/4 mile.

Has the release reached the surface water identified above?: ☐ Yes ☒ No

Could the release potentially reach the surface water identified above? ☐ Yes ☒ No

Explain: The material leaked into a pipe trench. The pipe trench drains to our water treatment system.

g. Depth to nearest aquifer/groundwater: 10 to 15 feet

Is nearest aquifer/groundwater potable (drinkable)? ☐ Yes ☒ No

Has the release reached the nearest aquifer/groundwater? ☐ Yes ☒ No



h. Release or potential release to the air occurred? Yes X No

The material is a liquid to solid, there was no unaccounted VOC release. The vapor pressure of asphalt is very low, insignificant amount of vapor evaporated to atmosphere.

i. Was there a threat to public safety? Yes X No

j. Is there potential for future releases? X Yes No

The leak has not yet been repaired; instead the system has been shut down. The leak is from a break in a pipe that is somewhere under the paved section of road. The leak migrated into the open pipe trench.

There were no other deleterious effects, no one was injured, the material was reclaimed, and none of the material left the facility property.

It is unknown when the initial release occurred. Product was noticed in the open pipe trench and a clean up team was schedule. Cowlitz Clean Sweep was brought in on April 20 and 21 to remove as much product as possible. Four barrels of product were removed and reclaimed. Once the product was removed from the trench it was determined that a pipe was leaking from somewhere under the roadway.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

3 - SITE INFORMATION

- a. Adjacent land uses include (check all that apply and depict on site maps): ☐ Residential
☒ Commercial ☐ Light Industrial ☐ Heavy Industrial ☐ Agricultural ☐ Other
(describe): _____
- b. What is the population density surrounding the site: medium
- c. Is the site and/or release area secured by fencing or other means? ☒ Yes ☐ No
- d. Soil types (check all that apply): ☐ alluvial ☐ bedrock ☐ clay ☐ sandy ☐ silt ☐
silty loam ☒ artificial surface (cement/asphalt/etc.)
- e. Describe site topography: The area is flat.
- _____
- _____

4 - CLEANUP INFORMATION

- a. Was site cleanup performed? ☒ Yes ☐ No
If No, explain: _____
- b. Who performed the site cleanup? Company Name:
Cowlitz Clean Sweep
9420 NW St Helens Rd
Portland, OR 97231
Cleanup Supervisor: Derek Ramsdale
Phone Number(s): 503-247-9466
- c. Has all contamination been removed from the site? ☐ Yes ☒ No
If No, explain: All of the material was reclaimed.
- d. Estimated volume of contaminated soil removed: none
- e. Estimated volume of contaminated soil left in place: unkown
- f. Was a hazardous waste determination made for cleanup materials? ☒ Yes ☐ No
- g. Based on the determination, are the cleanup materials hazardous wastes? ☐ Yes ☒ No If
Yes, list all waste codes: _____
- h. Was contaminated soil or water disposed of at an off-site location? ☐ Yes ☒ No

If yes, attach copies of receipts/manifests/etc., and provide the following information:

Facility Name: _____

Address: _____

Facility Contact: _____

Phone Number(s): _____

- i. Is contaminated soil or water being stored and/or treated on-site? ☐ Yes ☒ No
- ii. If yes, please describe the material(s), storage and/or treatment area, and methods utilized
(attach additional sheets if necessary):
- _____

- j. Describe cleanup activities including what actions were taken, dates and times actions were initiated and completed, volumes of contaminated materials that were removed, etc. (attach additional sheets or contractor reports if necessary or more convenient):

The material was allowed to cool. It was then scraped and rolled up. The material was placed into four barrels and taken to our reclaim area to be re-melted and re-used.

5 - SAMPLING INFORMATION Attach copies of all sample data and indicate locations of sample collection on maps.

- a. Were samples of contaminated soil collected? ____ Yes ____ No X N/A
b. Were samples of contaminated water collected? ____ Yes ____ No X N/A
c. Were samples collected to show that all contamination had been removed? ____ Yes ____ No X N/A
d. Describe sampling activities, results and discuss rationale for sampling methods:

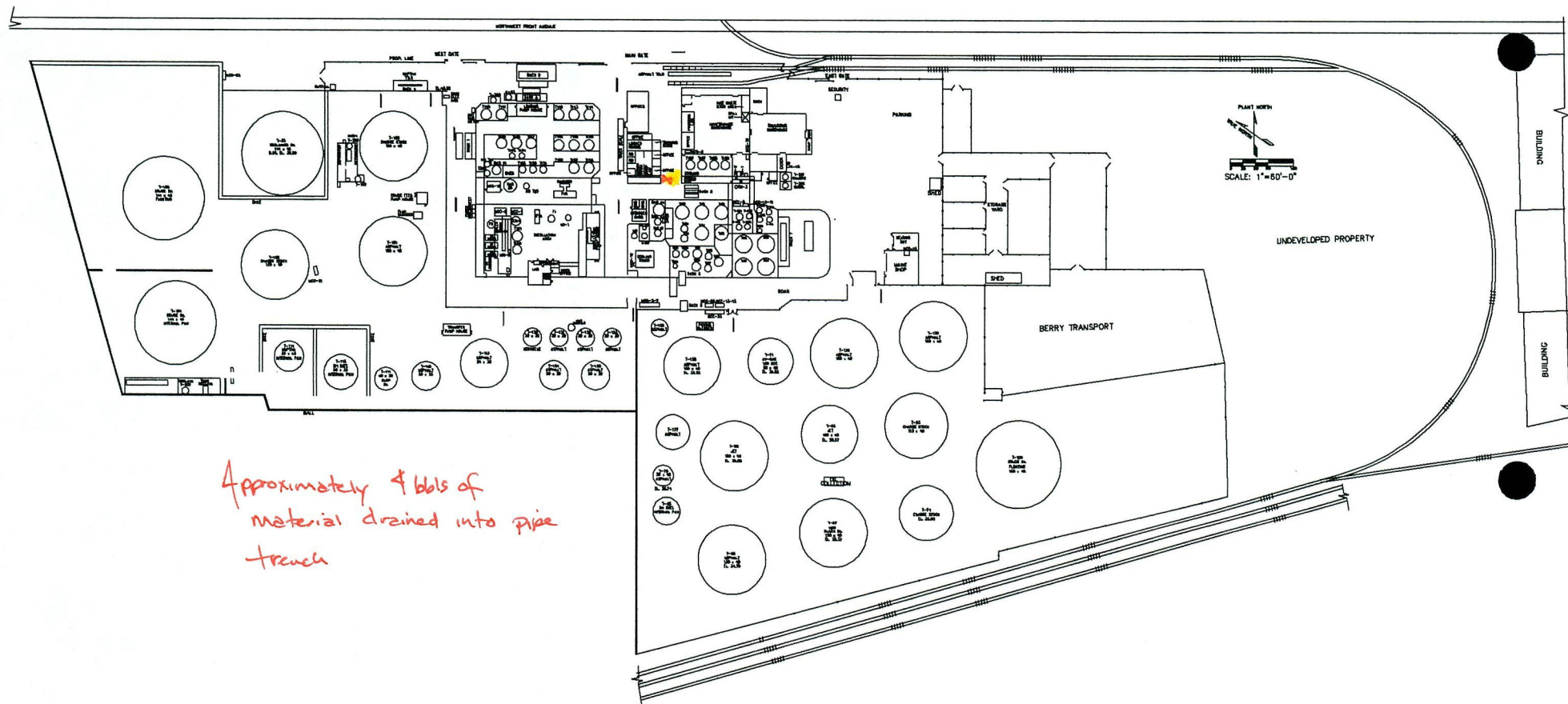
6 - SPILL REPORT CHECKLIST

To ensure that you have gathered all the information requested by the Department in this Spill/Release Report, please complete the following checklist:

- X Map(s) of the site showing buildings, roads, surface water bodies, ditches, waterways, point of the release, extent of contamination, areas of excavation and sample collection locations attached.
- X Material Safety Data Sheet (MSDS) for released material(s) attached. **Note: an MSDS is not required for motor fuels.**
- ____ Sampling data/analytical results attached.
- ____ Receipts/manifests (if any) for disposal of cleanup materials attached.
- ____ Contractor reports (if any) attached.

If you would like to submit your report by e-mail it can be submitted electronically to:
DOSPILLS@deq.state.or.us

April 20-21, 2006
Cleanup



Approximately 4 bbls of
material drained into pipe
trench





Material Safety Data Sheet

WHMIS 	Personal Protection 	TDG Road/Rail 
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Section I. Product Identification and Uses

Common/Trade name	150/200A Asphalt Cement, PG 46-37(300/400A) Asphalt Cement, PG 52-34(200/300A) Asphalt Cement, PG 58-28 Asphalt Cement, PG 58-31(120/150A) Asphalt Cement, PG 64-25(80/100A) Asphalt Cement,		
Synonyms	150-200A: 339,338W PG46-37,300/400A,320,319W; PG52-34,200/300A,341,342W; PG58-28,334,336W; PG58-31,120/150A,334,336W; PG64-25,80/100A,330,331W	CAS #	8052-42-4
Chemical family	Petroleum Hydrocarbon	DSL	These products are listed on the DSL. DSL # 7523
Supplier	Husky Oil Marketing Company PO Box 6525 Station D Calgary, Alberta T2P 3G7 (403) 298-6111	Manufacturer	Husky Oil Marketing Company PO Box 6525 Station 'D' Calgary, Alberta T2P 3G7 403-298-6111
Material uses	Paving Asphalt		

Section 2. First Aid Measures

Eye contact	Flush eyes for at least 15 minutes with clean water. Patch lightly, allowing drainage. Seek medical attention.
Skin contact	Remove non-adhering contaminated clothing. Cool adherent materials and burned areas with ice and/or cold water. Do not remove adherent material or clothing. Do not use solvents to remove asphalt from the skin. Seek medical attention.
Inhalation	Protect rescuer. Move exposed person to fresh air. If breathing has stopped apply artificial respiration. Seek medical attention.
Ingestion	If swallowed, do not induce vomiting or give liquids. Seek immediate medical attention.

Section 3. Hazardous Ingredients

		Exposure Limits						
Name	CAS #	TWA (ppm)	TWA (Mg/M3)	STEL (ppm)	STEL (Mg/M3)	CEIL (ppm)	CEIL (Mg/M3)	% by Weight
1) Asphalt	8052-42-4	n/av	0.5	n/av	n/av	n/av	n/av	100.00%
Toxicity values of the hazardous ingredients		Not available.						

150/200A Asphalt Cement,
 PG 46-37(300/400A) Asphalt Cement,
 PG 52-34(200/300A) Asphalt Cement,
 PG 58-28 Asphalt Cement,
 PG 58-31(120/150A) Asphalt Cement,
 PG 64-25(80/100A) Asphalt Cement,

Page Number: 2

Section 4. Physical Data

Physical state and appearance	Black viscous material.
Odor	Petroleum Odour
pH (1% soln/water)	Not applicable.
Odor threshold	Not available. (PPM)
Evaporation rate	Slow.
Freezing point	Not available.
Boiling point	>228°C (444.2°F)
Specific gravity	1.01 - 1.04 (Water = 1)
Volatility	Not available.
Vapor density	Not available.
Vapor pressure	Not available.
Water/oil dist. coeff.	Not available.
Solubility	Insoluble in water.
Molecular Weight	Not available.
Melting Point	31°C (87.8°F)
Density	Not available.

Section 5. Fire and Explosion Data

Auto-ignition temperature	Not available. (°C)
Flash points	OPEN CUP: >232°C (449.6°F) (COC).
Flammable limits	Lower: Not available (%/vol) Upper: Not available (%/vol)
Extinguishing Media	Use dry chemical foam, or CO ₂ .
Special fire fighting procedures	Use supplied air or self contained breathing apparatus. Do not spray water onto burning asphalt as this may cause spattering and spreading of the flame.
Flammability	Released vapours may form flammable/explosive concentrations in confined areas. Grounding of containers/pouring equipment is necessary when transferring hot liquid product.
	Remark No additional remark.
Risks of explosion	This product is not sensitive to mechanical impact. At temperatures exceeding the flash point this material is sensitive to static discharge.
	Remark No additional remark.

150/200A Asphalt Cement,
 PG 46-37(300/400A) Asphalt Cement,
 PG 52-34(200/300A) Asphalt Cement,
 PG 58-28 Asphalt Cement,
 PG 58-31(120/150A) Asphalt Cement,
 PG 64-25(80/100A) Asphalt Cement,

Page Number: 3

Section 6. Reactivity Data

Stability	Stable under normal conditions.
Hazardous decomp. products	Carbon monoxide, carbon dioxide and irritant fumes and gases including sulphur oxides, nitrogen oxides and aldehydes.
Reactivity	Incompatible materials: Strong acids, peroxides, chlorine. Hazardous polymerization: Will not occur.
Remark	No additional remark.

Section 7. Toxicological Properties

Routes of entry	Inhalation. Skin contact. Eye contact.
TLV	Asphalt: 0.5 mg/m3 as benzene-extractable inhalable particulate. ACGIH
Toxicity to animals	Acute dermal toxicity (LD50): Products similar in content: 5000 mg/Kg (Mouse) (oxidized asphalt).
Remark	No additional remark.
Chronic effects	This product contains small quantities of polycyclic aromatic hydrocarbons. Prolonged contact with these compounds has been associated with the induction of skin and lung tumours.
Remark	No additional remark.
Acute effects	Skin, eye and upper respiratory tract irritant. Sensitizing Capability: No effects known.
Ingestion	Not Applicable.
Skin	Prolonged skin contact can cause defatting of the skin resulting in dry cracked skin and dermatitis. Hot liquid product may cause serious thermal burns on direct contact.
Eyes	Vapours are irritating to the eyes. Hot liquid asphalt may cause serious thermal burns on direct contact.
Inhalation	May cause headache, dizziness and loss of appetite. Product vapours are irritating to the respiratory tract.
Remark	This product may contain trace quantities of hydrogen sulphide (H ₂ S) gas which may collect in confined spaces. Acute effects vary with concentration of H ₂ S released from mild eye, nose and throat irritation at approximately 100 ppm to sudden unconsciousness or death near 500 ppm.
Synergistic materials	None known.

Section 8. Preventive Measures

Waste disposal	Uncontaminated product may be recycled. Contaminated product should be removed to an appropriate landfill site in accordance with all federal, provincial and local regulations.
Storage	Store product below the flash point and keep away from all ignition sources. Head spaces in storage tanks may contain toxic hydrocarbon vapours and hydrogen sulphide gas.
Ventilation	In poorly ventilated areas, provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit values.
Spill and leak	Evacuate all unnecessary personnel. Eliminate all sources of ignition. Contain hot liquid by dyking and allow to cool and solidify. Comply with federal, provincial and local requirements for spill notification.

150/200A Asphalt Cement,
 PG 46-37(300/400A) Asphalt Cement,
 PG 52-34(200/300A) Asphalt Cement,
 PG 58-28 Asphalt Cement,
 PG 58-31(120/150A) Asphalt Cement,
 PG 64-25(80/100A) Asphalt Cement,

Page Number: 4

Section 9. Classification/Regulatory Information

TDG road / rail Primary class: Not applicable.
 Subsidiary class: Not applicable.



Not applicable (PIN and PG).

Remark

Not regulated under TDG (Canada)

WHMIS Not WHMIS regulated.



Remark

No additional remark.

Other DSL (Domestic Substances List) This product is listed on the DSL. TSCA (Toxic Substance Control Act): This product is listed on the TSCA Inventory.
 Refer to federal, provincial, and local legislation for further requirements.

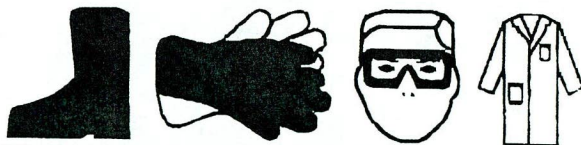
Section 10. Protective Clothing

Eye Non-vented chemical goggles to prevent eye injury from hot product or irritation from the asphalt/solvent vapours.

Skin When handling hot product, insulated gloves should be worn. Impervious gloves and clothing should be worn as appropriate to protect against skin contact.

Respiratory Under normal conditions respiratory protection is not required. Respiratory protection may be required in poorly ventilated areas. Properly fitted air purifying masks equipped with organic vapour filters will provide protection at low concentrations. Air supplied respirators or positive pressure self contained breathing apparatus is required when atmospheric concentrations of hydrocarbon vapours are likely to exceed 10X the occupational exposure limit or when high concentrations of H₂S may be present.

Other As required by the situation according to your companies policies and procedures. Contact your supervisor for direction.



Section 11. Preparation Information

References -SAX, N.I. Dangerous Properties of Industrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. CCOHS(Cheminfo) CPPI WHMIS Classification Guidelines Product/stream Toxicology Testing Priority List. -Tomes Plus by Micromedex Inc.

MSDS Status

Acronyms: TLV = Threshold Limit Value N/A = Not applicable N/AV = Not Available COC = Cleveland Open Cup PMCC = Pensky Martens Closed Cup

Validated by Bernard Bradford on 1/7/2004.

Verified by Bernard Bradford.

(403) 298-6102

Continued on Next Page

**150/200A Asphalt Cement,
PG 46-37(300/400A) Asphalt Cement,
PG 52-34(200/300A) Asphalt Cement,
PG 58-28 Asphalt Cement,
PG 58-31(120/150A) Asphalt Cement,
PG 64-25(80/100A) Asphalt Cement,**

Page Number: 5**Supersedes: 11/15/2000****Printed 1/7/2004.****Emergency Phone # 403-262-2111**

While the company believes the data set forth herein are accurate as of the date hereof, the company makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.



State of Oregon
Department of
Environmental
Quality

Emergency Response Information System Spill Summary Report

for OERS Number: 02-1449

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:02-1449

File Name:Chevron 02-1449

QTime #: (for internal use only)

Status:Open

Funding Program(s):Hazardous Spill

Release

Released On: 06/22/2002

Source: Industrial Plant

Cause: Equipment Failure

Activity:

Weather:

Material(s) Released: 125 Gallons of Oil - Crude

Media Affected: Soil

Description: Oil release to soil from broken valve.

Report

Reported On: 06/22/2002

Reporting Party: Bill Hilderbrand

Reporting Party Phone #: 503-273-4715

DEQ Contact: John Gebb

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin:

Basin:

Location Comment: Migrated Address Information: 5501 NW Front, Portland 97201, MULTNOMAH County

Responsible Party

Organization: Chevron Asphalt

Person Name: Laurie Patterson

Phone #: (503) 273-4703

Address: 5501 NW Front Ave
Portland, OR 97210-1115

County: MULTNOMAH



State of Oregon
Department of
Environmental
Quality

Emergency Response Information System Spill Summary Report

for OERS Number: 00-2590

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:00-2590

File Name:Chevron Asphalt 00-2590

QTime #: (for internal use only)

Status:Open

Funding Program(s):Hazardous Spill

Release

Released On: 10/27/2000

Source: Industrial Plant

Cause: Equipment Failure

Activity:

Weather:

Material(s) Released: 350 Gallons of Other

Media Affected: None

Description: Asphalt released to containment area - broken gauge

Report

Reported On: 10/27/2000

Reporting Party: Jim Seafeldt

Reporting Party Phone #: 503-273-4703

DEQ Contact: John Gebb

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin:

Basin:

Location Comment: Migrated Address Information: 5501 NW Front, Portland 97210, MULTNOMAH County

Responsible Party

Organization: Chevron Asphalt

Person Name: Seafeldt

Phone #: (503) 273-4703

Address: 5501 NW Front Ave
Portland, OR 97210-1115

County: MULTNOMAH

Spill Project Chevron Asphalt 00-2590 TAS # 2355 OERS # 00-2590NOTIFICATION: OERS Contact Joseph DEQ Contact Gelb Time/Date Reported 1620 10/27/00
Reporting Party Jim Seafeldt Phone 503 273-4703SOURCE: ☐ Aircraft ☐ AST ☐ Bulk Petroleum Storage ☐ Business ☐ Construction Site ☐ Container ☐ Dam ☐ Drug Lab ☐ Drum
☐ Electrical Equipment ☐ Farm ☐ Heating Oil AST ☐ Heating Oil UST ☐ Heavy Equipment ☒ Industrial Plant ☐ Landfill ☐ Mine
☐ Pipeline ☐ Railway ☐ Sewer ☐ UST ☐ Well ☐ Unknown ☐ Other [Motor Vehicle] ☐ - Private ☐ - Commercial ☐ - Tank Truck
[Vessel] ☐ - Cargo ☐ - Tanker ☐ - Fishing ☐ - Public ☐ - Recreational ☐ - Barge ☐ - TugCAUSE: ☐ Abandonment/Dumping ☐ Collision ☐ Derailment ☒ Equipment Failure ☐ Fire ☐ Human Error ☐ Sewer Bypass
☐ Vandalism ☐ Unknown ☐ Other [Vessel] ☐ - Grounding ☐ - SinkingACTIVITY: ☐ - Bilge Pumping ☐ - Bunkering ☐ - Construction ☐ - Lightering ☐ - Maintenance ☐ - Mining ☐ - Unknown ☐ - Other
[Material Handling] ☐ - Application ☐ - Storage ☐ - Transfer ☐ - Transport ☐ - RefuelingWEATHER: ☐ - Cold ☐ - Fog ☐ - Hot ☐ - Rain ☐ - Snow/Ice ☐ - OtherSUBSTANCE(S) RELEASED: ☐ Animal Waste ☐ Chemical Product ☐ Drug Lab Waste ☐ Food Waste ☐ Hazardous Waste ☒ Other
☐ Herbicide ☐ Insecticide ☐ Medical Waste ☐ PCBs ☐ Radioactive ☐ Sewage ☐ Solid Waste ☐ Wastewater (non-sewage) ☐ Unknown
[Oil] ☐ - Diesel ☐ - Fuel ☐ - Gasoline ☐ - Heating ☐ - Hydraulic ☐ - Lube ☐ - Transformer ☐ - Waste Oil ☐ - Oil (Unknown)Release Start Time/Date 1530 10/27/00

Release Stopped Time/Date (if different) _____

Additional information on incident:

Quantity 350 ☒ - Gallons ☐ - Pounds ☐ - OtherAsphalt (8 to 10 barrels) released to a containment area as
the result of a broken gange. They will "roll" up the
cold asphalt.MEDIA AFFECTED: ☐ Air ☐ Groundwater ☐ Surface Water ☐ Soil ☐ Sediment ☐ Pavement

Nearest Stream or River/Name/Description/etc. _____

SPILL SITE: Chevron Asphalt Contact Seafeldt Phone 503 273-4703
Address 5501 NW Front City Portland Zip 97210 County Mult.
Where on site? _____ Lat./Long. _____
Directions if no address _____RESPONSIBLE PARTY: Chevron Contact Jim Seafeldt Phone _____
Address 5501 NW Front City/State Portland Zip 97210
Mailing Address _____ City/State _____ Zip _____
RP Notified? - ☐ Yes ☐ No Assumed Responsibility? - ☒ Yes ☐ No Contractor Hired? - ☐ Yes ☒ NoCLEANUP CONTRACTOR: Chevron Field Rep _____ Phone _____
Address _____ City/State _____ Zip _____ON-SITE CONTACT: _____ Affiliation _____ Phone _____
_____ Affiliation _____ Phone _____FUNDING: ☐ Air Quality ☐ Water Quality ☐ Solid Waste ☐ Hazardous Waste ☒ Hazardous Spill ☐ Highway ☐ OPAREPORT REQUIRED? - ☐ Yes ☒ No Date Required _____ Date Received _____ ☐ Initial Letter Sent?☒ Min. ☐ Typ. ☐ Sig. ☒ TAS Initiated? ☐ SPIN Updated? ☐ Close TAS DEQ Contractor Project # _____

AGENCIES NOTIFIED: _____

SITE VISIT DATE/TIME: _____

DEQ PROGRAM REFERRALS ☐ Air ☐ ECD ☐ Enforcement ☐ Hazardous Waste ☐ Solid Waste ☐ Tanks ☐ Water

Date/Reason _____ NON # _____

Was there a threat to public safety? ☐ Yes ☐ No Explain _____

Was Public Affairs notified? ☐ Yes ☐ No Name/Time/Date _____

Potential for Future Releases? ☐ Yes ☐ No Explain _____

Disposal of Cleanup Materials _____

EVALUATION OF THE RELEASE

☐ Release **MAY POSE** a significant threat; **further review** or investigation is recommended (see Referrals above).

☒ Release **POSES NO** significant threat; **no further action** required because:

☐ Release by its nature rapidly dissipates (air emissions, sewage spills).

☐ Release has been cleaned up to a protective level.

☒ Release otherwise requires no additional investigation, removal, remedial action, or long-term environmental or institutional controls.

Evaluator's Signature _____ Date 10-31-00

Notes - Additional information pertaining to the spill incident, site characteristics, cleanup actions, and rationale for whether or not further cleanup is needed. Attach all correspondence, field notes, reports, site sketches, etc.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.



State of Oregon
Department of
Environmental
Quality

Emergency Response Information System Spill Summary Report

for OERS Number: 00-1386

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:00-1386

File Name:Chevron Gas-Oil

QTime #: (for internal use only)

Status:Closed

Funding Program(s):Hazardous Spill

Release

Released On: 06/19/2000

Source: Bulk Petroleum Storage

Cause: Equipment Failure

Activity: Material Transfer

Weather:

Material(s) Released: 160 Gallons of Oil - Gasoline

Media Affected: Soil

Description: 160 gal. vacuum gas oil spilled, halt to soil. Check valve on transfer manifold failed.

Report

Reported On: 06/19/2000

Reporting Party:

Reporting Party Phone #:

DEQ Contact: Michael Greenburg

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin:

Basin:

Responsible Party

Organization:

Person Name:

Phone #:

Address:

County:

Location Comment: Migrated Address Information: 5501 NW Front Ave, Portland 97210, MULTNOMAH County

Tracking Task(s)

Task	Date	Performed By	Comment
Incident Report Request	07/10/2000	Michael Greenburg	
Closed	06/19/2000	Michael Greenburg	

Spill Project Chevron Gas-oil TAS # 14661 OERS # 00-1386

NOTIFICATION: OERS Contact Decker DEQ Contact Greenberg Time/Date Reported 9:50 6-19-00

Reporting Party RP Phone _____

SOURCE: ☐ Aircraft ☐ AST ☒ Bulk Petroleum Storage ☐ Business ☐ Construction Site ☐ Container ☐ Dam ☐ Drug Lab ☐ Drum
☐ Electrical Equipment ☐ Farm ☐ Heating Oil AST ☐ Heating Oil UST ☐ Heavy Equipment ☐ Industrial Plant ☐ Landfill ☐ Mine
☐ Pipeline ☐ Railway ☐ Sewer ☐ UST ☐ Well ☐ Unknown ☐ Other [Motor Vehicle] ☐ - Private ☐ - Commercial ☐ - Tank Truck
[Vessel] ☐ - Cargo ☐ - Tanker ☐ - Fishing ☐ - Public ☐ - Recreational ☐ - Barge ☐ - Tug

CAUSE: ☐ Abandonment/Dumping ☐ Collision ☐ Derailment ☒ Equipment Failure ☐ Fire ☐ Human Error ☐ Sewer Bypass
☐ Vandalism ☐ Unknown ☐ Other [Vessel] ☐ - Grounding ☐ - Sinking

ACTIVITY: ☐ - Bilge Pumping ☐ - Bunkering ☐ - Construction ☐ - Lightering ☐ - Maintenance ☐ - Mining ☐ - Unknown ☐ - Other
[Material Handling] ☐ - Application ☐ - Storage ☒ - Transfer ☐ - Transport ☐ - Refueling

WEATHER: ☐ - Cold ☐ - Fog ☐ - Hot ☐ - Rain ☐ - Snow/Ice ☐ - Other

SUBSTANCE(S) RELEASED: ☐ Animal Waste ☐ Chemical Product ☐ Drug Lab Waste ☐ Food Waste ☐ Hazardous Waste ☐ Other
☐ Herbicide ☐ Insecticide ☐ Medical Waste ☐ PCBs ☐ Radioactive ☐ Sewage ☐ Solid Waste ☐ Wastewater (non-sewage) ☐ Unknown
[Oil] ☐ - Diesel ☐ - Fuel ☒ - Gasoline ☐ - Heating ☐ - Hydraulic ☐ - Lube ☐ - Transformer ☐ - Waste Oil ☒ - Oil (Unknown)

Release Start Time/Date 08:00 Release Stopped Time/Date (if different) _____

Additional information on incident: Quantity 160 ☒ - Gallons ☐ - Pounds ☐ - Other

Vacuum gas oil 160 gal spilled - half to soil
check valve on transfer manifold failed

NRC # 532 646

MEDIA AFFECTED: ☐ Air ☐ Groundwater ☐ Surface Water ☒ Soil ☐ Sediment ☒ Pavement

Nearest Stream or River/Name/Description/etc. _____

SPILL SITE: Chevron Asphalt Contact Gerald Henderson Phone 273-4716
Address 5501 NW Front Ave City Portland Zip 97210 County Multnomah
Where on site? ↑ Lat./Long. _____
Directions if no address _____

RESPONSIBLE PARTY: _____ Contact Jim Seafeldt Phone _____
Address _____ City/State _____ Zip _____
Mailing Address _____ City/State _____ Zip _____
RP Notified? - ☐ Yes ☐ No Assumed Responsibility? - ☐ Yes ☐ No Contractor Hired? - ☐ Yes ☐ No

CLEANUP CONTRACTOR: _____ Field Rep _____ Phone _____
Address _____ City/State _____ Zip _____

ON-SITE CONTACT: _____ Affiliation _____ Phone _____
_____ Affiliation _____ Phone _____

FUNDING: ☐ Air Quality ☐ Water Quality ☐ Solid Waste ☐ Hazardous Waste ☐ Hazardous Spill ☐ Highway ☐ OPA

REPORT REQUIRED? - ☒ Yes ☐ No Date Required 7-10-00 Date Received 6-27-00 ☐ Initial Letter Sent?

☐ Min. ☒ Typ. ☐ Sig. ☒ TAS Initiated? ☐ SPIN Updated? ☒ Close TAS DEQ Contractor Project # _____

AGENCIES NOTIFIED: _____

SITE VISIT DATE/TIME: _____

DEQ PROGRAM REFERRALS ☐ Air ☐ ECD ☐ Enforcement ☐ Hazardous Waste ☐ Solid Waste ☐ Tanks ☐ Water

Date/Reason _____ NON # _____

Was there a threat to public safety? ☐ Yes ☐ No Explain _____Was Public Affairs notified? ☐ Yes ☐ No Name/Time/Date _____Potential for Future Releases? ☐ Yes ☐ No Explain _____

Disposal of Cleanup Materials _____

EVALUATION OF THE RELEASE☐ Release **MAY POSE** a significant threat; **further review** or investigation is recommended (see Referrals above).☒ Release **POSES NO** significant threat; **no further action** required because:☐ Release by its nature rapidly dissipates (air emissions, sewage spills).☒ Release has been cleaned up to a protective level.☐ Release otherwise requires no additional investigation, removal, remedial action, or long-term environmental or institutional controls.Evaluator's Signature Loren Ham Date 7-5-00

Notes - Additional information pertaining to the spill incident, site characteristics, cleanup actions, and rationale for whether or not further cleanup is needed. Attach all correspondence, field notes, reports, site sketches, etc.



Oregon

John A. Kitzhaber, M.D., Governor

Department of Environmental Quality

811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696
TTY (503) 229-6993

June 19, 2000

Jim Seafeldt
Chevron Asphalt
5501 NW Front Avenue
Portland, OR 97210

Re: Vacuum Gas Oil Spill
OERS No. 00-1386

Dear Mr. Seafeldt:

On June 19, 2000, the Department of Environmental Quality (DEQ) received a report of a spill or release of vacuum gas oil from a broken check valve on a manifold at your facility. Therefore, you are requested to take and/or continue all containment and cleanup actions possible to prevent the spread of the spill to public waters, groundwater or soils beyond the original spill site.

In accordance with Oregon Administrative Rules (OAR) 340-108-040 (copy attached), you are required to submit a written report describing the spill. I have enclosed a spill report outline as a guideline so that all information that is necessary for the documentation and review of your spill report is received. We ask you to submit this information no later than July 10, 2000. Please submit the report to:

Loren Garner, DEQ, 2020 SW 4th, #400, Portland, Oregon, 97201-5884.

Responsible parties are required to pay costs incurred by DEQ for oversight of the investigation and cleanup of the spill or release (Oregon Revised Statutes 465.255). DEQ oversight costs include direct and indirect costs. Direct costs include site-specific expenses and legal costs. Indirect costs are those general management and support costs of the DEQ allocable to oversight of this cleanup and not charged as direct, site-specific costs.

If you have any questions about this request, please contact Loren Garner at (503) 229-5614.

Enclosures: OAR 340-108
Spill Report Outline

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

JUN 27 2000

NORTHWEST REGION



Chevron

Chevron Products Company
5501 NW Front Avenue
Portland, OR 97201

June 23, 2000

Loren Garner
Department of Environmental Quality
2020 S.W. 4th Avenue #400
Portland, Oregon 97201-5884

Dear Mr. Garner:

In regards to your letter of 6/19/2000 concerning the Vacuum Gas Oil spill at the Chevron Asphalt Refinery at 5501 N.W. Front Ave., Portland, Oregon please find attached a completed Spill/Release form, as well as copies of a regional map, facility schematic drawing and an MSDS for the material spilled

I hope this information is what is needed to close out this incident. If not, please contact me at (503) 273-4703 anytime.

Sincerely,

A handwritten signature in dark ink, appearing to read "James E. Seafeldt".

James E. (Jim) Seafeldt
Compliance Specialist

Attachments



Oregon

John A. Kitzhaber, M.D., Governor

Department of Environmental Quality

811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696
TTY (503) 229-6993

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5501 NW Front Avenue
Portland, OR 97210

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If you have any questions about this request, please contact Loren Garner at (503) 229-5614.

Enclosures: OAR 340-108
Spill Report Outline

SPILL/RELEASE REPORT

1 - GENERAL INFORMATION

OERS No. _____

- a. Company/Individual Name: Chevron Products Company, Willbridge Asphalt Refinery
- b. Address: 5501 N.W. Front Ave., Portland, Oregon 97210
- c. Company Contact Person: James E. Seafeldt
- d. Phone Number(s): (503) 273-4703
- e. Specific on-site location of the release (and address if different from above):
At the unit manifold in the south side of the Plant. Products was sprayed
on the soil and in the back street of the facility.

Please provide a map of the site showing area(s) where the release occurred, any sample collection locations, location of roads/ditches/surface water bodies, etc.

2 - RELEASE INFORMATION

- a. Date/Time Release started: 6/19/00 7:00 am Date/Time stopped: 6/19/00 7:10 am
- b. Release was reported to (specify Date/Time/Name of Person contacted where applicable):
- | | |
|------|---|
| ODEQ | <u>6/19/00 @ 10:40 Mr. Greenburg</u> |
| OERS | <u>6/19/00 @ 0910 No Name Was Given</u> |
| NRC | <u>6/19/00 @ 910 Ms. Reddy</u> |
- Other (describe): U.S. Coast Guard (No Answer) Called back at 12:40 pm
- c. Person(s) reporting release: Mr. Jerry Henderson
- d. Name, quantity and physical state (gas, liquid, solid or semi-solid) of material(s) released:
Vacuum Gas Oil (VGO), (168 Gallons), Liquid Petroleum

Please attach copies of material safety data sheets (MSDS) for released material(s).

- e. The release affected: Air Groundwater Surface Water X Soil Sediment
- f. Name and distance to nearest surface water body(s), even if unaffected (include locations of creeks, streams, rivers and ditches that discharge to surface water on maps):
Willamette River, Not affected, 800 ft to East of Plant
- Has the release reached the surface water identified above?: Yes X No
- Could the release potentially reach the surface water identified above? Yes X No
- Explain: Too little of the product was spilled. Some of it into a secondary
containment area. For the remaining amount the distance to the river
would be too great for the amount spilled
- g. Depth to nearest aquifer/groundwater: 21 ft
- Is nearest aquifer/groundwater potable (drinkable)? Yes X No
- Has the release reached the nearest aquifer/groundwater? Yes X No
- Explain: Product only penetrated about 2 in of soil

- h. Release or potential release to the air occurred? ____ Yes ☒ No

Explain: Liquid went to ground.

- i. Was there a threat to public safety? ____ Yes ☒ No

- j. Is there potential for future releases? ____ Yes ☒ No

Explain: Plans are in place to make sure all of this type of valve is checked out for possible failure and resealed

- k. Describe other effects/impacts from release (emergency evacuation, fish kills, etc.):
NONE

- l. Describe how the release occurred. Include details such as the release source, cause, contributing weather factors, activities occurring prior to or during the release, dates and times of various activities, first responders involved in containment activities, etc.:

Please see the attached discription on the Loss Investigation form made out by Jerry Henderson.

3 - SITE INFORMATION

- a. Adjacent land uses include (check all that apply and depict on site maps):

____ Residential ☒ Commercial ☒ Light Industrial ☒ Heavy Industrial
____ Agricultural ____ Other (describe):

- b. What is the population density surrounding the site: Light-All business with no permanent dwelling

- c. Is the site and/or release area secured by fencing or other means? ☒ Yes ____ No

- d. Soil types (check all that apply): ____ alluvial ____ bedrock ____ clay ☒ sandy
____ silt ____ silty loam ____ artificial surface (cement/asphalt/etc.)

- e. Describe site topography: Flat with storage tanks, secondary containment walls, and processing equipment.

4 - CLEANUP INFORMATION

a. Was site cleanup performed? ☒ Yes ☐ No

If No, explain: _____

b. Who performed the site cleanup?

Company Name: Chevron Company Personell

Address: _____

Cleanup Supervisor: Mr. Mark Grant

Phone Number(s): (503) 273-4717

c. Has all contamination been removed from the site? ☒ Yes ☐ No

If No, explain: _____

d. Estimated volume of contaminated soil removed: 65 cu/ft

e. Estimated volume of contaminated soil left in place: 0

f. Was a hazardous waste determination made for cleanup materials? ☒ Yes ☐ No

g. Based on the determination, are the cleanup materials hazardous wastes?

☐ Yes ☒ No If Yes, list all waste codes: _____

h. Was contaminated soil or water disposed of at an off-site location? ☒ Yes ☐ No

If yes, attach copies of receipts/manifests/etc., and provide the following information:

Facility Name: Waste Management of Oregon (Chevron has a tender with this facility to handle all of our dry non hazardous waste)

Address: Arlington, Oregon The waste is shipped in a large container box when the box is ready to be pulled.

Facility Contact: _____

Phone Number(s): _____

i. Is contaminated soil or water being stored and/or treated on-site? ☐ Yes ☒ No

If yes, please describe the material(s), storage and/or treatment area, and methods utilized (attach additional sheets if necessary):

j. Describe cleanup activities including what actions were taken, dates and times actions were initiated and completed, volumes of contaminated materials that were removed, etc. (attach additional sheets or contractor reports if necessary or more convenient):

The spill material that landed on soil was cleaned up to a soil depth where no product showed. This material was mixed with more clean soil, put into drums for shipment to Waste Management (see above). The material that landed on the plant street use cleaned up using greasweep, placed into drums, and put into the container to be disposed of by Waste Managment (see above).

5 - SAMPLING INFORMATION

Attach copies of all sample data and indicate locations of sample collection on maps.

- a. Were samples of contaminated soil collected? ____ Yes ☒ No ____ N/A
- b. Were samples of contaminated water collected? ____ Yes ☒ No ____ N/A
- c. Were samples collected to show that all contamination had been removed?
____ Yes ☒ No ____ N/A
- d. Describe sampling activities, results and discuss rationale for sampling methods:

We could see that the spilled material had not penetrated more than 1 - 2 inches
into the soil

6 - SPILL REPORT CHECKLIST

To ensure that you have gathered all the information requested by the Department in this Spill/Release Report, please complete the following checklist:

- ☒ Map(s) of the site showing buildings, roads, surface water bodies, ditches, waterways, point of the release, extent of contamination, areas of excavation and sample collection locations attached.
- ☒ Material Safety Data Sheet (MSDS) for released material(s) attached.
- ____ Sampling data/analytical results attached.
- ____ Receipts/manifests (if any) for disposal of cleanup materials attached.
- ____ Contractor reports (if any) attached.



Loss Investigation / Near-Loss Report

Loss Type
Spill

Status: Under Review

Control No: 108754

Loss Date and Time: 06/19/2000 07:00:00

Every work injury to an employee which causes disability lasting longer than the day of the injury or which requires medical services other than first aid treatment must be reported within three days after the injury. If the incident results in death, a report must be made by phone/fax/mail to the Home Office Incident Reporting Desk no later than 8 hours after the death.

EMPLOYER

Company Name: CHEVRON U.S.A. PRODUCTS CO.

Co: 461

Dept: T0

Div: 55

Loc: 756

Facility: Asphalt - Portland OR

Work Location Address:

5501 NW Front Ave
Portland, OR

Loss Location:

Unit Manifold/Roadway Behind Control Room

Carrier / Contractor Company Name:

EMPLOYEE

Name:

EPIC ID or SSN:

Employment Status:

Description of Loss / Near Loss: (Describe fully the Loss / near loss events. Tell what happened and how it happened.)

The crude unit was down, on circulation mode as planned due to lack of crude inventory for feed. Wash oil was being circulated through the plant at 300 degrees to keep it hot for the short term feed interruption. To accomplish this, the bottoms stream, is routed down the unit return line from the unit manifold back to the crude feed system. At the unit manifold, all of the cuts off the unit can be routed down this line. To prevent backflow from the common unit return line up any of the other product lines, there are check valves on each of the lines. These check valves are swing type checks with an external weighted lever that assures that the valve responds quickly to reverse flow, and also allows installation in the vertical position as required by the manifold arrangement.

The incident occurred when the check valve on the bottom side cut manifold to the unit return line began spraying the wash oil out through a 1/2" hole in the side of the body. The oil sprayed up into the air and was carried across the tankfield containment wall and into the roadway. Employees personal vehicles parked up to 200 ft away received a fine mist spray on them. An operator noticed the leak and shut down the circulation. Fortunately, the unit was cooled down to the point that it could be shut down immediately.

An estimated 4 barrels of oil was spilled, some of it to the paved roadway, and some to the soil in the tankfield. Thanks to quick actions by the operators on scene, none of the oil made it into the surface drain system.

Agency Notifications

Required Notification?	Name of Agency	Phone #	Name of Agency Personnel	Report # from Agency	Date/Time of call
☒	National Response Center	(800) 424-8802	Ms. Reddy	532646	06/19/2000 09:00

Name of Chevron Person reporting loss: Henderson, Gerald S. (hegs)

Agency Notification Comments: Also notified Oregon Emergency Response System (#2000-1386), which notified Oregon Dept of Environmental Quality, and US Coast Guard. No agencies indicated need for site visit. Oregon DEQ will sent report to be filled out and submitted.

Cost of Loss \$	Estimated Damage	Clean up costs	Lost Product value	Other Cost	Total Cost
	.00	6,000.00			6,000.00

Motor Vehicle Accident (MVA)

Professional Driver? ☐

Total Years Driving: 0

Company Vehicle? ☐

Years With Carrier: 0

Operation Type: Transport

Vehicle Type:

Equipment No:

Accident Situation:

Hazardous Material? ☐

Recordable? ☐

Number of Vehicles Towed: 0

Number of Injuries: 0

Number of Fatalities: 0

				Received By		
Product	Unit Of Measure	Quantity Released	Quantity Reentered	Air	Water	Land
VGO	Barrels	168.00	168.00			✓

Witness Name	Address	Telephone No
Steve Evans	Willbridge Asphalt Facility	(503) 273-4700
		() -

#	RCA #	P530#	Solution(s): How to Prevent Loss/Near Loss from Recurring	Person Responsible	Due Date	Completion Date	Verified Date
1	4	6	Replace the worn hinge pins on the check valves that indicated wear. Use thread compound on set screws to prevent loosening while in service.	Grant, Mark M. (gmar)	06/22/2000		
1	4	6	Schedule a follow-up inspection of the valves for this coming winter shutdown. As a result of that inspection, determine the need for further inspection at later intervals.	Grant, Mark M. (gmar)	07/15/2000		

Investigation Team Date and Responsible Supervisor

Investigation Team Date: 06/19/2000 Supervisor Responsible: Leroy, Steven D. (sdle)

Investigation Team Members

Name	Job Title
Henderson, Gerald S. (hegs)	First Line Supervisor
Grant, Mark M. (gmar)	Maintenance Coordinator
Bittick, Gary D. (gdbi)	Head Operator
Freng, David L. (frdl)	Maintenance Mechanic

Results of Solution Verification and Validation

Reviewed By

Name	Job Title	Reviewed by Date
Simons, Thomas J. (tsim)	Manager	00/00/0000
Seafeldt, James E. (seaf)	Compliance Specialist	00/00/0000
		00/00/0000



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University Park

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Chemical

Willbridge (BM 39)

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CITY

BOUNDARY

White Shield Home

Willamette Heights

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Kings Heights

McKenna Park

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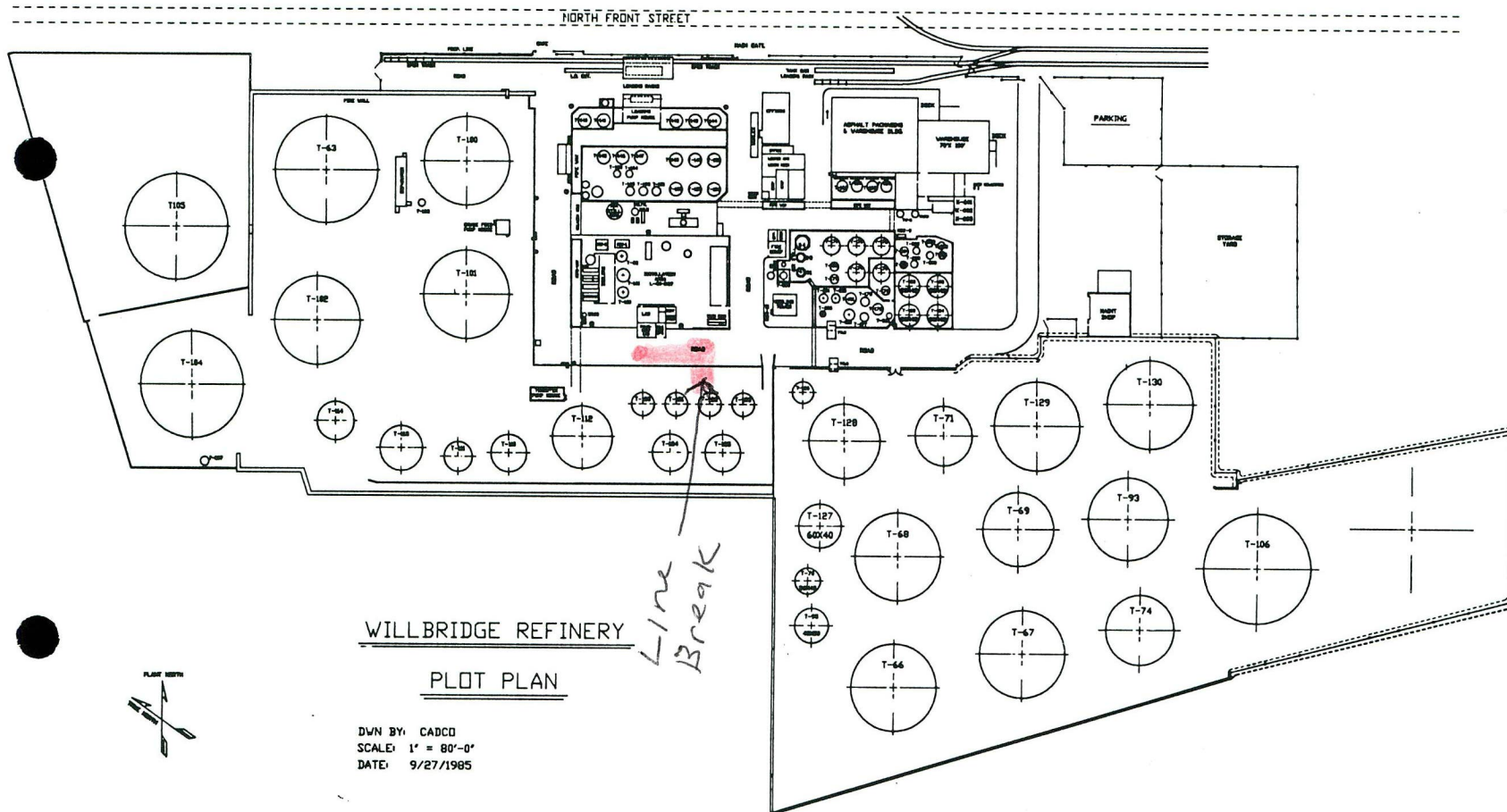
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WILLBRIDGE REFINERY	
CADCO U.S.A.	
PLOT PLAN	
DATE 11/1/87	SCALE 1"=80'
DWN BY: F0003-8-1	

Material Safety Data Sheet



Vacuum Gas Oils (VGO)

MSDS: 007705 Revision #:1 Revision Date:08/06/99

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Vacuum Gas Oils (VGO)

PRODUCT NUMBER(S): CPS276806

COMPANY IDENTIFICATION

Chevron Products Company
575 Market St.
San Francisco, CA 94105-2856

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)231-0623 or
(510)231-0623 (International)
TRANSPORTATION (24 hr): CHEMTREC
(800)424-9300 or (703)527-3887
Emergency Information Centers
are located in U.S.A.
Int'l collect calls accepted

PRODUCT INFORMATION: MSDS Requests and Product Information
(800) 689-3998

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % Vacuum Gas Oils (VGO)

CONTAINING

COMPONENTS	AMOUNT	LIMIT/QTY	AGENCY/TYPE
DISTILLATES, VACUUM Chemical Name: DISTILLATES, VACUUM CAS70592788		NONE	NA
DISTILLATES, LIGHT VACUUM Chemical Name: DISTILLATES, LIGHT VACUUM CAS70592777		NONE	NA

COMPOSITION COMMENT:

All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

3. HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW *****

Amber to black viscous liquid with mild pungent to sulfurous odor.

- COMBUSTIBLE LIQUID AND VAPOR
- MAY RELEASE HIGHLY TOXIC AND FLAMMABLE HYDROGEN SULFIDE (H₂S) GAS
- DO NOT ATTEMPT RESCUE WITHOUT SUPPLIED-AIR RESPIRATORY PROTECTION
- VAPOR HARMFUL
- MAY CAUSE SKIN IRRITATION
- CANCER HAZARD
- PROLONGED OR REPEATED SKIN CONTACT MAY INCREASE THE RISK OF SKIN CANCER

IMMEDIATE HEALTH EFFECTS

EYE:

Not expected to cause prolonged or significant eye irritation.

SKIN:

Contact with the skin may cause irritation. Not expected to be harmful to internal organs if absorbed through the skin.

INGESTION:

Not expected to be harmful if swallowed.

INHALATION:

Excessive or prolonged breathing of this material may cause central nervous system effects. This material contains sulfur compounds which may form hydrogen sulfide. Hydrogen sulfide has a strong rotten-egg odor. However, with continued exposure and high levels, H₂S may deaden a person's sense of smell. If rotten-egg odor is no longer noticeable, it may not necessarily mean that exposure has stopped. At low levels, hydrogen sulfide causes irritation to the eyes, nose, and throat. Moderate levels can cause headaches, dizziness, nausea, vomiting, as well as coughing and difficulty in breathing. Higher levels can cause shock, convulsions, coma, and death. After serious exposure, symptoms usually begin immediately.

SIGNS AND SYMPTOMS OF EXPOSURE:

Central nervous system effects may include headache, dizziness, nausea, vomiting, weakness, loss of coordination, blurred vision, drowsiness, confusion, or disorientation. At extreme exposures, central nervous system effects may include respiratory depression, tremors or convulsions, loss of consciousness, coma or death. Skin irritation: may include pain, reddening, swelling, and blistering.

CARCINOGENICITY:

Prolonged or repeated breathing of and/or skin contact with this material may cause cancer. Risk of cancer depends on duration and level of exposure. See Section 11 for additional information.

4. FIRST AID MEASURES

EYE:

No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses, if worn, and flush eyes with water.

SKIN:

Wash skin immediately with soap and water and remove contaminated clothing and shoes. Get medical attention if irritation persists. Discard contaminated clothing and shoes or thoroughly clean before reuse.

INGESTION:

No specific first aid measures are required because this material is not

expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.

INHALATION:

If exposure to hydrogen sulfide (H₂S) gas is possible during emergencies, wear a NIOSH/MSHA approved positive pressure air-supplying respirator. Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

NOTE TO PHYSICIANS:

Administration of 100% oxygen and supportive care is the preferred treatment for poisoning by hydrogen sulfide gas. For additional information on H₂S, see Chevron MSDS No. 301.

5. FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

OSHA Classification (29 CFR 1910.1200): Combustible liquid.

FLAMMABLE PROPERTIES:

FLASH POINT: >141F Pensky-Martens(>141-250F)

AUTOIGNITION: NDA

FLAMMABILITY LIMITS (% by volume in air): Lower: NDA Upper: NDA

EXTINGUISHING MEDIA:

CO₂, Dry Chemical, Foam, Water Fog. Do not use water spray or a direct stream of water.

NFPA RATINGS: Health 0; Flammability 2; Reactivity 0.

FIRE FIGHTING INSTRUCTIONS:

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

See section 7 for proper handling and storage.

COMBUSTION PRODUCTS:

Normal combustion forms carbon dioxide, water vapor and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)527-3887

International Collect Calls Accepted

ACCIDENTAL RELEASE MEASURES:

Eliminate all sources of ignition in the vicinity of the spill or released vapor.

Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Exposure Controls/Personal Protection. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

If this material is released into a work area, evacuate the area immediately. Persons entering the contaminated area to correct the problem or to determine whether it is safe to resume normal activities must comply with all instructions in the Exposure Controls/Personal

Protection section.

Release of this product should be prevented from contaminating soil and water and from entering drainage and sewer systems. U.S.A. regulations require reporting spills of this material that could reach any surface waters. The toll free number for the U.S. Coast Guard National Response Center is (800) 424-8802.

7. HANDLING AND STORAGE

Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive force. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85F.

Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Do not breathe vapor or fumes. Wash thoroughly after handling.

Toxic quantities of hydrogen sulfide (H₂S) may be present in storage tanks and bulk transport vessels which contain or have contained this material. Persons opening or entering these compartments should first determine if H₂S is present. See Exposure Controls/Personal Protection -Section 8. Do not attempt rescue of a person overexposed to H₂S without wearing approved supplied-air or self-contained breathing equipment.

Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating an accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, "Flammable and Combustible Liquids", National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity", and/or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents".

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS

Use process enclosures, local exhaust ventilation, or other engineering controls to control H₂S levels below the OSHA Permissible Exposure Limit (PEL) of 10 ppm. For more information on H₂S, see Chevron MSDS No. 301.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION:

No eye protection is normally required.

SKIN PROTECTION:

Wear protective clothing to prevent skin contact. Selection of protective clothing may include gloves, apron, boots, and complete facial protection depending on operations conducted. Suggested materials for protective gloves include: <Nitrile> <Viton> <Polyurethane> <Chlorinated Polyethylene (or Chlorosulfonated Polyethylene or CPE)>

RESPIRATORY PROTECTION:

Determine if airborne concentrations are below recommended exposure limits for H2S. If not, wear a NIOSH approved air-supplying respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:

Amber to black viscous liquid with mild pungent to sulfurous odor.

pH:	NA
VAPOR PRESSURE:	NDA
VAPOR DENSITY	
(AIR=1):	NDA
BOILING POINT:	>300F (>148C)
FREEZING POINT:	NDA
MELTING POINT:	NDA
SOLUBILITY:	Soluble in hydrocarbon solvents; insoluble in water.
SPECIFIC GRAVITY:	0.8 - 0.9
EVAPORATION RATE:	NDA
VISCOSITY:	>20 cSt @ 40C

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

NDA

CHEMICAL STABILITY:

Stable.

CONDITIONS TO AVOID:

No data available.

INCOMPATIBILITY WITH OTHER MATERIALS:

May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

The eye irritation hazard is based on an evaluation of the data for the components.

SKIN EFFECTS:

The skin irritation hazard is based on an evaluation of the data for the components. The acute dermal toxicity is based on an evaluation of the data for the components.

ACUTE ORAL EFFECTS:

The acute oral toxicity is based on an evaluation of the data for the components.

ACUTE INHALATION EFFECTS:

The acute respiratory toxicity is based on an evaluation of the data for the components.

CHRONIC EFFECTS/CARCINOGENICITY:

This product may contain significant amounts of polynuclear aromatic hydrocarbons (PAH's) which have been shown to cause skin cancer after prolonged and frequent contact with the skin of test animals. Brief or intermittent skin contact with this product is not expected to have serious effects if it is washed from the skin. While skin cancer is unlikely to occur in human beings following use of this product, skin contact and breathing of mists or vapors should be reduced to a minimum.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

No data available.

ENVIRONMENTAL FATE:

No data available.

13. DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible.

This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by USEPA under RCRA (40CFR261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S.

DOT HAZARD CLASS: COMBUSTIBLE LIQUID

DOT IDENTIFICATION NUMBER: UN1268

DOT PACKING GROUP: III

ADDITIONAL INFO: DESCRIPTION ONLY APPLIES TO BULK SHIPMENTS IN THE UNITED STATES. NOT REGULATED OUTSIDE THE UNITED STATES.

15. REGULATORY INFORMATION

SARA 311 CATEGORIES:	1. Immediate (Acute) Health Effects:	YES
	2. Delayed (Chronic) Health Effects:	YES
	3. Fire Hazard:	YES
	4. Sudden Release of Pressure Hazard:	NO
	5. Reactivity Hazard:	NO

REGULATORY LISTS SEARCHED:

01=SARA 313	11=NJ RTK	22=TSCA Sect 5(a)(2)
02=MASS RTK	12=CERCLA 302.4	23=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	26=TSCA Sect 8(d)

06=IARC Group 1	16=ACGIH Calc TLV	27=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	28=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	29=OSHA CEILING
09=SARA 302/304	19=Chevron TWA	30=Chevron STEL
10=PA RTK	20=EPA Carcinogen	

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, LIGHT VACUUM
is found on lists: 06,

WHMIS CLASSIFICATION:

Class D, Division 1, Subdivision A: Very Toxic Material

-Carcinogenicity

- Acute Lethality.

Class D, Division 2, Subdivision B: Toxic Material

-Skin or Eye Irritation

Class B, Division 3: Combustible Liquids

16. OTHER INFORMATION

NFPA RATINGS: Health 0; Flammability 2; Reactivity 0;
(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:

Changes have been made to Section 1 (Name Change and Product Identification).

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	TPQ - Threshold Planning Quantity
RQ - Reportable Quantity	PEL - Permissible Exposure Limit
C - Ceiling Limit	CAS - Chemical Abstract Service Number
A1-5 - Appendix A Categories	() - Change Has Been Proposed
NDA - No Data Available	NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.O. Box 1627, Richmond, CA 94804

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

THIS IS THE LAST PAGE OF THIS MSDS



State of Oregon
Department of
Environmental
Quality

Emergency Response Information System

Spill Summary Report

for OERS Number: 00-0839

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:00-0839

File Name:Chevron Asphalt 0839

QTime #: (for internal use only)

Status:Open

Funding Program(s):Hazardous Spill

Release

Released On: 04/17/2000

Source: Bulk Petroleum Storage

Cause: Equipment Failure

Activity:

Weather:

Material(s) Released: 160 Gallons of Oil - Crude

Media Affected: Soil

Description: Mechanical failure during transfer to ship - gauge came off pipe - 60 gal. - 1/2 gravel/rest in separator (asphalt mixed w/diesel fuel)

Report

Reported On: 04/17/2000

Reporting Party: RP

Reporting Party Phone #:

DEQ Contact: Michael Greenburg

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin:

Basin:

Location Comment: Migrated Address Information: 5501 NW Front, Portland 97210, MULTNOMAH County

Responsible Party

Organization: Chevron Asphalt

Person Name: Gerald Henderson

Phone #: 273-4700

Address: 5501 NW Front Ave
Portland, OR 97210-1115

County: MULTNOMAH

Spill Project Chevron Asphalt 0839 TAS # 14478 OERS # 00-0839

NOTIFICATION: OERS Contact Tam DEQ Contact Greenberg Time/Date Reported 4-17-00 10:40

Reporting Party RP Phone _____

SOURCE: ☐ Aircraft ☐ AST ☒ Bulk Petroleum Storage ☐ Business ☐ Construction Site ☐ Container ☐ Dam ☐ Drug Lab ☐ Drum
☐ Electrical Equipment ☐ Farm ☐ Heating Oil AST ☐ Heating Oil UST ☐ Heavy Equipment ☐ Industrial Plant ☐ Landfill ☐ Mine
☐ Pipeline ☐ Railway ☐ Sewer ☐ UST ☐ Well ☐ Unknown ☐ Other [Motor Vehicle] ☐ - Private ☐ - Commercial ☐ - Tank Truck
[Vessel] ☐ - Cargo ☒ Tanker ☐ - Fishing ☐ - Public ☐ - Recreational ☒ - Barge ☐ - Tug

CAUSE: ☐ Abandonment/Dumping ☐ Collision ☐ Derailment ☒ Equipment Failure ☐ Fire ☐ Human Error ☐ Sewer Bypass
☐ Vandalism ☐ Unknown ☐ Other [Vessel] ☐ - Grounding ☐ - Sinking

ACTIVITY: ☐ - Bilge Pumping ☐ - Bunkering ☐ - Construction ☐ - Lightering ☐ - Maintenance ☐ - Mining ☐ - Unknown ☐ - Other
[Material Handling] ☐ - Application ☐ - Storage ☒ - Transfer ☐ - Transport ☐ - Refueling

WEATHER: ☐ - Cold ☐ - Fog ☐ - Hot ☐ - Rain ☐ - Snow/Ice ☐ - Other

SUBSTANCE(S) RELEASED: ☐ Animal Waste ☐ Chemical Product ☐ Drug Lab Waste ☐ Food Waste ☐ Hazardous Waste ☐ Other
☐ Herbicide ☐ Insecticide ☐ Medical Waste ☐ PCBs ☐ Radioactive ☐ Sewage ☐ Solid Waste ☐ Wastewater (non-sewage) ☐ Unknown
[Oil] ☐ - Diesel ☐ - Fuel ☐ - Gasoline ☐ - Heating ☐ - Hydraulic ☐ - Lube ☐ - Transformer ☐ - Waste Oil ☒ - Oil (Unknown)

Release Start Time/Date 8:30 4-17-00 Release Stopped Time/Date (if different) _____

Additional information on incident: Quantity 160 + 60 gallons ☐ - Gallons ☐ - Pounds ☐ - Other

during transfer to ship - mechanical failure - gauge came off
pipe - 160 gal - 1/2 to gravel / rest in separator
made out (asphalt mixed w diesel fuel)
asphalt change - stock

MEDIA AFFECTED: ☐ Air ☐ Groundwater ☐ Surface Water ☒ Soil ☐ Sediment ☐ Pavement

Nearest Stream or River/Name/Description/etc. _____

SPILL SITE: Chevron Asphalt Contact Gerald Henderson Phone 273-4700
Address 5501 NW Front City Portland Zip 97210 County Multnomah
Where on site? _____ Lat./Long. _____
Directions if no address _____

RESPONSIBLE PARTY: _____ Contact _____ Phone _____
Address _____ City/State _____ Zip _____
Mailing Address _____ City/State _____ Zip _____
RP Notified? - ☐ Yes ☐ No Assumed Responsibility? - ☐ Yes ☐ No Contractor Hired? - ☐ Yes ☐ No

CLEANUP CONTRACTOR: _____ Field Rep _____ Phone _____
Address _____ City/State _____ Zip _____

ON-SITE CONTACT: _____ Affiliation _____ Phone _____
_____ Affiliation _____ Phone _____

FUNDING: ☐ Air Quality ☐ Water Quality ☐ Solid Waste ☐ Hazardous Waste ☒ Hazardous Spill ☐ Highway ☐ OPA

REPORT REQUIRED? - ☒ Yes ☐ No Date Required 5-8-00 Date Received 5-4-00 ☒ Initial Letter Sent?

☐ Min ☒ Typ. ☐ Sig. ☒ TAS Initiated? ☐ SPIN Updated? ☒ Close TAS DEQ Contractor Project # _____

AGENCIES NOTIFIED: _____

SITE VISIT DATE/TIME: _____

DEQ PROGRAM REFERRALS ☐ Air ☐ ECD ☐ Enforcement ☐ Hazardous Waste ☐ Solid Waste ☐ Tanks ☐ Water

Date/Reason _____ NON # _____

Was there a threat to public safety? ☐ Yes ☐ No Explain _____

Was Public Affairs notified? ☐ Yes ☐ No Name/Time/Date _____

Potential for Future Releases? ☐ Yes ☐ No Explain _____

Disposal of Cleanup Materials

EVALUATION OF THE RELEASE

- ☐ Release **MAY POSE** a significant threat; **further review** or investigation is recommended (see Referrals above).

- Release **POSES NO** significant threat; **no further action** required because:

- ☐ Release by its nature rapidly dissipates (air emissions, sewage spills).

- ☒ Release has been cleaned up to a protective level.

- ☐ Release otherwise requires no additional investigation, removal, remedial action, or long-term environmental or institutional controls.

Evaluator's Signature Loren [Signature] Date 8-27-00

Notes - Additional information pertaining to the spill incident, site characteristics, cleanup actions, and rationale for whether or not further cleanup is needed. Attach all correspondence, field notes, reports, site sketches, etc.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.



Oregon

John A. Kitzhaber, M.D., Governor

Department of Environmental Quality

811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696
TDD (503) 229-6993

April 17, 2000

Gerald Henderson
Chevron Asphalt
5501 NW Front
Portland, OR 97210

Re: Petroleum Spill
OERS No. 00-0839

Dear Mr. Henderson:

On April 17, 2000, the Department of Environmental Quality (DEQ) received a report of a spill or release of petroleum from a transfer operation at your facility. Therefore, you are requested to take and/or continue all containment and cleanup actions possible to prevent the spread of the spill to public waters, groundwater or soils beyond the original spill site.

In accordance with Oregon Administrative Rules (OAR) 340-108-040 (copy attached), you are required to submit a written report describing the spill. I have enclosed a spill report outline as a guideline so that all information that is necessary for the documentation and review of your spill report is received. We ask you to submit this information no later than May 8, 2000. Please submit the report to:

Loren Garner, DEQ, 2020 SW 4th, #400, Portland, Oregon, 97201-5884.

Responsible parties are required to pay costs incurred by DEQ for oversight of the investigation and cleanup of the spill or release (Oregon Revised Statutes 465.255). DEQ oversight costs include direct and indirect costs. Direct costs include site-specific expenses and legal costs. Indirect costs are those general management and support costs of the DEQ allocable to oversight of this cleanup and not charged as direct, site-specific costs.

If you have any questions about this request, please contact Loren Garner at (503) 229-5614.

Enclosures: OAR 340-108
Spill Report Outline



Chevron

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

MAY 04 2000

Chevron U.S.A. Products Company

Willbridge Asphalt Plant
5501 N.W. Front Avenue
Portland, OR 97210

NORTHWEST REGION

May 2, 2000

Loren Garner
Department of Environmental Quality
2020 S.W. 4th Avenue #400
Portland, Oregon 97201-5884

Dear Mr. Garner:

In regards to your letter of 4/17/2000 concerning the Charge Stock Spill at the Chevron Asphalt facility at 5501 N.W. Front Ave., Portland, Oregon please find attached a completed Spill/Release form, as well as copies of a regional map, facility schematic drawing and an MSDS for Topped Mayan Charge Stock.

I hope this information is what is needed to close out this incident. If not, please contact me at (503) 273-4703 anytime.

Sincerely,

James E. (Jim) Seafeldt
Compliance Specialist

Attachments

SPILL/RELEASE REPORT

1 - GENERAL INFORMATION

OERS No. 00-0839

- a. Company/Individual Name: Chevron Products Co Willbridge Asphalt
- b. Address: 5501 N.W. Front Ave
Portland, Oregon 97210
- c. Company Contact Person: Jim Seafeldt
- d. Phone Number(s): (503) 273-4703
- e. Specific on-site location of the release (and address if different from above):
SAME

Please provide a map of the site showing area(s) where the release occurred, any sample collection locations, location of roads/ditches/surface water bodies, etc.

2 - RELEASE INFORMATION

- a. Date/Time Release started: 4/17/00 0830 Hrs. Date/Time stopped: 4/17/00 0845 Hrs.
- b. Release was reported to (specify Date/Time/Name of Person contacted where applicable):
- | | |
|-------------------|--|
| ODEQ | <u>4/17/00 1045 Hrs Mike Greenburg</u> |
| OERS | <u>4/17/00 1030 Hrs. Incident #2000-839</u> |
| NRC | <u>4/17/00 1020 Hrs. Mr. Charter</u> |
| Other (describe): | <u>U.S. Coast Guard 4/17/00 1040 Hrs. Tim Walker</u> |
- c. Person(s) reporting release: Gerald Henderson
- d. Name, quantity and physical state (gas, liquid, solid or semi-solid) of material(s) released:
Mayan Charge Stock, liquid, approximately 60 gals

Please attach copies of material safety data sheets (MSDS) for released material(s).

- e. The release affected: Air Groundwater Surface Water X Soil Sediment
- f. Name and distance to nearest surface water body(s), even if unaffected (include locations of creeks, streams, rivers and ditches that discharge to surface water on maps):
Willamette River

Has the release reached the surface water identified above?: Yes X No

Could the release potentially reach the surface water identified above? Yes X No

Explain: Material solidified on the ground. In addition, the amount of the spill (60 gals) would not travel the 800+ yards to the river

- g. Depth to nearest aquifer/groundwater: 19+ ft.

Is nearest aquifer/groundwater potable (drinkable)? Yes X No

Has the release reached the nearest aquifer/groundwater? Yes X No

Explain: Groundwater supply is too deep for the thick product to penetrate

- h. Release or potential release to the air occurred? ☐ Yes ☒ No

Explain: Product is a thick liquid pumped at ambient temperature

- i. Was there a threat to public safety? ☐ Yes ☒ No

- j. Is there potential for future releases? ☐ Yes ☒ No

Explain: Gauge that blew off pipe has been replaced.

- k. Describe other effects/impacts from release (emergency evacuation, fish kills, etc.):

NONE

- l. Describe how the release occurred. Include details such as the release source, cause, contributing weather factors, activities occurring prior to or during the release, dates and times of various activities, first responders involved in containment activities, etc.:

Chevron Asphalt was in the process of pumping charge stock to a tanker at the
light products dock when an operator saw oil shooting 30 feet into the air from a
hole in the line where pressure had blew off a pressure guage. Luckily the operator
happened by just seconds after the oil started shooting out of the line and was able
to get the pumping shut down before more than about 60 gals had got onto the ground.
The rock and oil mixture was picked up, put into drums, and disposed of.

3 - SITE INFORMATION

- a. Adjacent land uses include (check all that apply and depict on site maps):

☐ Residential ☐ Commercial ☐ Light Industrial ☒ Heavy Industrial
☐ Agricultural ☐ Other (describe): This is along N.W. Front Ave.

- b. What is the population density surrounding the site: light

- c. Is the site and/or release area secured by fencing or other means? ☒ Yes ☐ No

- d. Soil types (check all that apply): ☐ alluvial ☐ bedrock ☐ clay ☒ sandy
☐ silt ☐ silty loam ☐ artificial surface (cement/asphalt/etc.)

- e. Describe site topography: Flat

4 - CLEANUP INFORMATION

- a. Was site cleanup performed? ☒ Yes ☐ No

If No, explain: _____

- b. Who performed the site cleanup?

Company Name: Chevron Personnel

Address: _____

Cleanup Supervisor: Gerald Henderson

Phone Number(s): (503) 273-4716

- c. Has all contamination been removed from the site? ☒ Yes ☐ No

If No, explain: _____

- d. Estimated volume of contaminated soil removed: 3 1/2 Drums

- e. Estimated volume of contaminated soil left in place: None

- f. Was a hazardous waste determination made for cleanup materials? ☒ Yes ☐ No

- g. Based on the determination, are the cleanup materials hazardous wastes?

☐ Yes ☒ No If Yes, list all waste codes: _____

- h. Was contaminated soil or water disposed of at an off-site location? ☐ Yes ☐ No

If yes, attach copies of receipts/manifests/etc., and provide the following information:

Facility Name: _____

Address: _____

Facility Contact: _____

Phone Number(s): _____

- i. Is contaminated soil or water being stored and/or treated on-site? ☐ Yes ☒ No

If yes, please describe the material(s), storage and/or treatment area, and methods utilized (attach additional sheets if necessary):

- j. Describe cleanup activities including what actions were taken, dates and times actions were initiated and completed, volumes of contaminated materials that were removed, etc. (attach additional sheets or contractor reports if necessary or more convenient):

The spilled product that went to containment was picked up and recycled through

our API Separator. The product that was mixed with soil was collected into drums and shipped to Waste Management. The material mixed with soil was dry and/or slightly sticky. This was dried further before shipment.

5 - SAMPLING INFORMATION

Attach copies of all sample data and indicate locations of sample collection on maps.

- a. Were samples of contaminated soil collected? ____ Yes ☒ No ____ N/A
b. Were samples of contaminated water collected? ____ Yes ☒ No ____ N/A
c. Were samples collected to show that all contamination had been removed?

____ Yes ☒ No ____ N/A

- d. Describe sampling activities, results and discuss rationale for sampling methods:

Material was not hazardous to begin with so the waste was deemed to be
non-hazardous

6 - SPILL REPORT CHECKLIST

To ensure that you have gathered all the information requested by the Department in this Spill/Release Report, please complete the following checklist:

☒ Map(s) of the site showing buildings, roads, surface water bodies, ditches, waterways, point of the release, extent of contamination, areas of excavation and sample collection locations attached.

☒ Material Safety Data Sheet (MSDS) for released material(s) attached.

____ Sampling data/analytical results attached.

____ Receipts/manifests (if any) for disposal of cleanup materials attached.

____ Contractor reports (if any) attached.

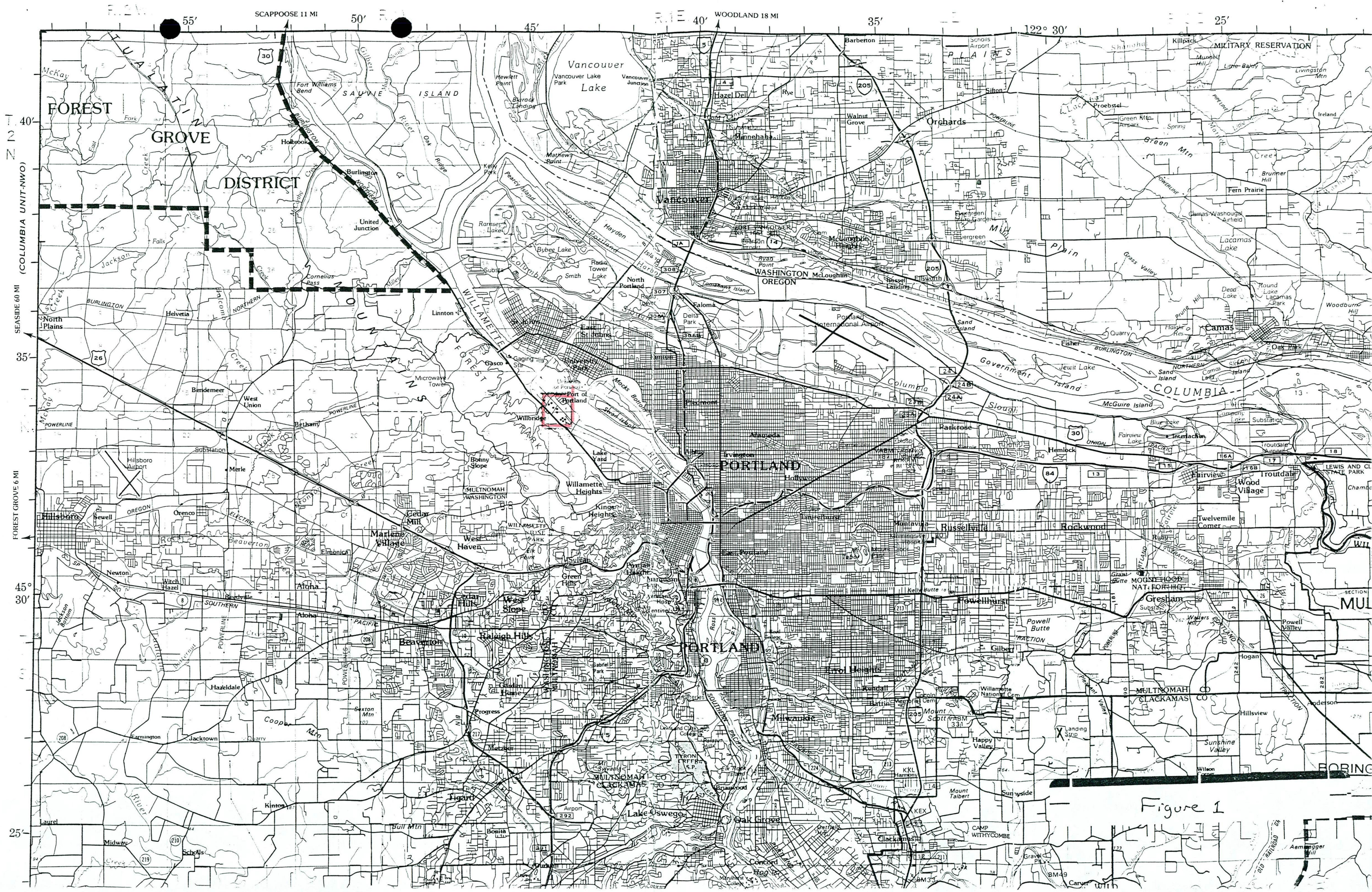


Figure 1

MATERIAL SAFETY DATA SHEET(MSDS# 7898)

Material Safety Data Sheet

Page 1 of 10

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TOPPED MAYAN CHARGE STOCK

PRODUCT NUMBER(S): CPS294636

COMPANY IDENTIFICATION

Chevron Products Company
575 Market St.
San Francisco, CA 94105-2856

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)231-0623 or
(510)231-0623 (International)
TRANSPORTATION (24 hr): CHEMTREC
(800)424-9300 or (703)527-3887
Emergency Information Centers
are located in U.S.A.
Int'l collect calls accepted

PRODUCT INFORMATION: MSDS Requests and Product Information
(800) 689-3998

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % TOPPED MAYAN CHARGE STOCK

CONTAINING

COMPONENTS	AMOUNT	LIMIT/QTY	AGENCY/TYPE
GAS OIL, FULL RANGE			
Chemical Name: DISTILLATES, CRUDE OIL			
CAS68410004	100.00%	NONE	NA

MAY CONTAIN

BENZENE
Chemical Name: BENZENE

CAS71432

0.5 ppm
2.5 ppm
1 ppmACGIH TWA
ACGIH STEL
OSHA PEL

Revision Number: 0

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5 ppm
10 LBSOSHA CEILING
CERCLA 302.4 RQ

HYDROGEN SULFIDE

Chemical Name: HYDROGEN SULFIDE

CAS7783064

10 ppm
15 ppm
Table Z-2
Table Z-2
100 LBS
500 LBS
100 LBSACGIH TWA
ACGIH STEL
OSHA PEL
OSHA CEILING
CERCLA 302.4 RQ
SARA 302 TPQ
SARA 304 RQ**COMPOSITION COMMENT:**

All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

Due to possible carcinogenic effect, exposure should be reduced to the lowest feasible level.

3. HAZARDS IDENTIFICATION

******* EMERGENCY OVERVIEW *******

Amber to black viscous liquid with a mild to pungent sulfurous odor.

- FLAMMABLE LIQUID AND VAPOR
- MAY RELEASE HIGHLY TOXIC AND FLAMMABLE HYDROGEN SULFIDE (H₂S) GAS
- DO NOT ATTEMPT RESCUE WITHOUT SUPPLIED-AIR RESPIRATORY PROTECTION
- CANCER HAZARD - CAN CAUSE CANCER

***********IMMEDIATE HEALTH EFFECTS****EYE:**

Not expected to cause prolonged or significant eye irritation.

SKIN:

Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.

INGESTION:

Not expected to be harmful if swallowed.

INHALATION:

The vapor or fumes from this material may cause respiratory irritation. Breathing this material at concentrations above the recommended exposure limit may cause central nervous system effects.

This material contains sulfur compounds which may form hydrogen sulfide. Hydrogen sulfide has a strong rotten-egg odor. However, with continued

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exposure and at high levels, H₂S may deaden a person's sense of smell. If the rotten egg odor is no longer noticeable, it may not necessarily mean that exposure has stopped. At low levels, hydrogen sulfide causes irritation of the eyes, nose and throat. Moderate levels can cause headache, dizziness, nausea and vomiting, as well as coughing and difficulty breathing. Higher levels can cause shock, convulsions, coma and death. After a serious exposure, symptoms usually begin immediately.

In 1994, the U.S. National Institute for Occupational Safety and Health (NIOSH) published the Immediately Dangerous to Life and Health (IDLH) Concentration for hydrogen sulfide as 100 ppm.

As of the date of this MSDS, the Occupational Safety and Health Administration (OSHA) is still using the 1988 IDLH of 300 ppm for enforcement of workplace safety violation. Check with your local OSHA agency for the current status of this issue.

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: Respiratory tract irritation may include, but may not be limited to, one or more of the following: nasal discharge, sore throat, coughing, bronchitis, pulmonary edema and difficulty in breathing.

INHALATION: Central nervous system effects may include one or more of the following: headache, dizziness, loss of appetite, weakness and loss of coordination.

CARCINOGENICITY:

Prolonged or repeated breathing of and/or skin contact with this material may cause cancer. Risk of cancer depends on duration and level of exposure. See Section 11 for additional information. Contains benzene, which has been classified as a carcinogen by the National Toxicology Program (NTP), and a Group 1 carcinogen (carcinogenic to humans) by the International Agency for Research on Cancer (IARC).

4. FIRST AID MEASURES

EYE:

No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses, if worn, and flush eyes with water.

SKIN:

Remove contaminated clothing and shoes. Use a waterless hand cleaner, mineral oil, or petroleum jelly to remove the material. Then wash skin with soap and water. Wash or clean contaminated clothing and shoes before reuse.

INGESTION:

No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.

INHALATION:

If exposure to hydrogen sulfide (H₂S) gas is possible during emergencies, wear a NIOSH/MSHA approved positive pressure air-supplying respirator. Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

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NOTE TO PHYSICIANS:

Administration of 100% oxygen and supportive care is the preferred treatment for poisoning by hydrogen sulfide gas. For additional information on H2S, see Chevron MSDS No. 301.

5. FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

OSHA Classification (29 CFR 1910.1200): Flammable liquid.

FLAMMABLE PROPERTIES:

FLASH POINT: (P-M) <100F (<37.8C)

AUTOIGNITION: 500F (260C) (NFPA 325M-H2S)

FLAMMABILITY LIMITS (% by volume in air): Lower: 4.0 Upper: 44.0
NFPA 325M-H2S

EXTINGUISHING MEDIA:

CO2, Dry Chemical, Foam, Water Fog. Do not use water spray or a direct stream of water.

NFPA RATINGS: Health 1; Flammability 3; Reactivity 0.

FIRE FIGHTING INSTRUCTIONS:

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

COMBUSTION PRODUCTS:

Normal combustion forms carbon dioxide, water vapor and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)527-3887

International Collect Calls Accepted

ACCIDENTAL RELEASE MEASURES:

Eliminate all sources of ignition in the vicinity of the spill or released vapor.

Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Exposure Controls/Personal Protection. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

Release of this product should be prevented from contaminating soil and water and from entering drainage and sewer systems. U.S.A. regulations require reporting spills of this material that could reach any surface waters. The toll free number for the U.S. Coast Guard National Response Center is (800) 424-8802.

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7. HANDLING AND STORAGE

This material presents a fire hazard. Liquid quickly evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 15F.

Do not breathe vapor or fumes. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Toxic quantities of hydrogen sulfide (H₂S) may be present in storage tanks and bulk transport vessels which contain or have contained this material. Persons opening or entering these compartments should first determine if H₂S is present. See Exposure Controls/Personal Protection -Section 8. Do not attempt rescue of a person overexposed to H₂S without wearing approved supplied-air or self-contained breathing equipment.

Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating an accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, "Flammable and Combustible Liquids", National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity", and/or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents".

Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner, or properly disposed of.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should

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read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION:

No eye protection is normally required.

SKIN PROTECTION:

Wear protective clothing to prevent skin contact. Selection of protective clothing may include gloves, apron, boots, and complete facial protection depending on operations conducted. Suggested materials for protective gloves include: <Nitrile> <Viton>

RESPIRATORY PROTECTION:

No respiratory protection is normally required. Determine if airborne concentrations are below recommended exposure limits for H₂S. If not, wear a NIOSH approved air-supplying respirator. Refer to the OSHA Benzene Standard to determine what type of respirator is required based on exposure levels.

Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:

Amber to black viscous liquid with a mild to pungent sulfurous odor.

pH:	NA
VAPOR PRESSURE:	0.2 - 0.3 PSIG (REID)
VAPOR DENSITY (AIR=1):	NA
BOILING POINT:	>163F (>73C)
FREEZING POINT:	NA
MELTING POINT:	NA
SOLUBILITY:	Soluble in hydrocarbon solvents; insoluble in water.
SPECIFIC GRAVITY:	0.9 - 1.0 @ 60/60F
VISCOSITY:	175 - 200 cSt @ 122F (50C)
API GRAVITY:	16.3 - 16.7
POUR POINT:	5 - 10.4F (-15 - -12C)

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

CHEMICAL STABILITY:

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Stable.

CONDITIONS TO AVOID:

No data available.

INCOMPATIBILITY WITH OTHER MATERIALS:

May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

The eye irritation hazard is based on data for a similar material.

SKIN EFFECTS:

The skin irritation hazard is based on data for a similar material. The acute dermal toxicity is based on data for a similar material.

ACUTE ORAL EFFECTS:

The acute oral toxicity is based on data for a similar material.

ACUTE INHALATION EFFECTS:

The acute respiratory toxicity is based on data for a similar material.

CHRONIC EFFECTS/CARCINOGENICITY:

The International Agency for Research on Cancer (IARC) reviewed the carcinogenic potential of crude oil in 1989 and concluded that there was limited evidence for the carcinogenicity of crude oil in animals and inadequate evidence for the carcinogenicity of crude oil in humans. The basis for the findings for animals are results from studies in which crudes applied to the skin of lab animals showed benign and malignant skin tumors in some studies, but not in others.

This product may contain significant amounts of polynuclear aromatic hydrocarbons (PAH's) which have been shown to cause skin cancer after prolonged and frequent contact with the skin of test animals. Brief or intermittent skin contact with this product is not expected to have serious effects if it is washed from the skin. While skin cancer is unlikely to occur in human beings following use of this product, skin contact and breathing of mists or vapors should be reduced to a minimum.

This product contains benzene. **GENETIC TOXICITY/CANCER:** Repeated or prolonged breathing of benzene vapor has been associated with the development of chromosomal damage in experimental animals and various blood diseases in humans ranging from aplastic anemia to leukemia (a form of cancer). All of these diseases can be fatal. In some individuals, benzene exposure can sensitize cardiac tissue to epinephrine which may precipitate fatal ventricular fibrillation. **REPRODUCTIVE/DEVELOPMENTAL TOXICITY:** No birth defects have been shown to occur in pregnant laboratory animals exposed to doses not toxic to the mother. However, some evidence of fetal toxicity such as delayed physical development has been seen at such levels. The available information on the effects of benzene on human pregnancies is inadequate but it has been established that benzene can cross the human placenta. **OCCUPATIONAL:** The OSHA Benzene Standard (29 CFR 1910.1028) contains detailed requirements for training, exposure monitoring, respiratory protection and medical surveillance triggered by the exposure level. Refer to the OSHA Standard before using this product.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY:

This material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water.

ENVIRONMENTAL FATE:

On release to the environment the lighter components of crude oil will generally evaporate but depending on local environmental conditions (temperature, wind, mixing or wave action, soil type, etc.) the remainder may become dispersed in the water column or absorbed to soil or sediment. Crude oil would not be expected to be "readily biodegradable".

13. DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible.

This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by USEPA under RCRA (40CFR261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: PETROLEUM CRUDE OIL
DOT HAZARD CLASS: 3 (FLAMMABLE LIQUID)
DOT IDENTIFICATION NUMBER: UN1267
DOT PACKING GROUP: N/A

15. REGULATORY INFORMATION

SARA 311 CATEGORIES:	1. Immediate (Acute) Health Effects:	YES
	2. Delayed (Chronic) Health Effects:	YES
	3. Fire Hazard:	YES
	4. Sudden Release of Pressure Hazard:	NO
	5. Reactivity Hazard:	NO

REGULATORY LISTS SEARCHED:

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01=SARA 313	11=NJ RTK	22=TSCA Sect 5(a) (2)
02=MASS RTK	12=CERCLA 302.4	23=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	26=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	27=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	28=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	29=OSHA CEILING
09=SARA 302/304	19=Chevron TWA	30=Chevron STEL
10=PA RTK	20=EPA Carcinogen	

The following components of this material are found on the regulatory lists indicated.

BENZENE

is found on lists: 01,02,03,04,06,10,11,12,13,14,15,17,20,28,29,

HYDROGEN SULFIDE

is found on lists: 01,02,09,10,11,12,13,14,15,17,28,29,

EU RISK AND SAFETY LABEL PHRASES:

R11: Highly Flammable.

EU SYMBOL(S): F+,T,Xn.

R26: Very toxic by inhalation.

R45: May cause cancer.

R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S53: Avoid exposure - obtain special instructions before use.

S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

WHMIS CLASSIFICATION:

Class D, Division 1, Subdivision A: Very Toxic Material
- Acute Lethality.

Class B, Division 2: Flammable Liquids

16. OTHER INFORMATION

NFPA RATINGS: Health 1; Flammability 3; Reactivity 0;

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:

This is a new Material Safety Data Sheet.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	TPQ - Threshold Planning Quantity

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RQ - Reportable Quantity
C - Ceiling Limit
A1-5 - Appendix A Categories
NDA - No Data Available

PEL - Permissible Exposure Limit
CAS - Chemical Abstract Service Number
() - Change Has Been Proposed
NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard
(29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology
and Health Risk Assessment Unit, CRTC, P.O. Box 1627, Richmond, CA 94804

The above information is based on the data of which we are aware and is
believed to be correct as of the date hereof. Since this information may
be applied under conditions beyond our control and with which we may be
unfamiliar and since data made available subsequent to the date hereof may
suggest modification of the information, we do not assume any responsibil-
ity for the results of its use. This information is furnished upon
condition that the person receiving it shall make his own determination
of the suitability of the material for his particular purpose.

THIS IS THE LAST PAGE OF THIS MSDS

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State of Oregon
Department of
Environmental
Quality

Emergency Response Information System

Spill Summary Report

for OERS Number: 98-2567

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:98-2567

File Name:Chevron Asphalt Flux

QTime #: (for internal use only)

Status:Open

Funding Program(s):Hazardous Spill

Release

Released On: 10/25/1998

Source: Bulk Petroleum Storage

Cause: Equipment Failure

Activity:

Weather:

Material(s) Released:

Media Affected: Soil

Description: Lost 3 Drums of Asphalt- Flux during mixing, into containment area, Mixer leak from seal, 3' wide 20'long, have notified NRC as per their SPLC plan, Material will be cleaned up today when it sets-up, No water impacts, Material will not soak

Report

Reported On: 10/25/1998

Reporting Party: Gary Bittick (Chevron

Reporting Party Phone #: 503-273-4713

DEQ Contact: Eric Clough

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin:

Basin:

Location Comment: Additional Location Details: front tank loading area; Migrated Address Information: 5501 NW Front, Portland 97210, MULTNOMAH County

Responsible Party

Organization: Chevron Products Company

Person Name: Jim Seafeldt

Phone #: (503) 273-4708

Address: 5501 NW Front Ave
Portland, OR 97210-1115

County: MULTNOMAH



State of Oregon
Department of
Environmental
Quality

Emergency Response Information System Spill Summary Report

for OERS Number: 98-2014

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:98-2014

File Name:Chevron Asphalt A 982014

QTime #: (for internal use only)

Status:Open

Funding Program(s):Hazardous Spill

Release

Released On: 08/23/1998

Source: Industrial Plant

Cause: Human Error

Activity:

Weather:

Material(s) Released: 165 Gallons of Other

Media Affected: Sediment

Description: 165 gal asphalt spilled to gravelled cont. area. Chevron cleaning up at this time. 02:30:00
Chevron just completed cleanup material to be reclaimed. Open valve caused release upon
transfer into process.

Report

Reported On: 08/23/1998

Reporting Party: Chevron\

Reporting Party Phone #: 503-273-4715

DEQ Contact: Don Pettit

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin:

Basin:

Responsible Party

Organization: Chevron

Person Name: Scott Motsinger

Phone #: 273-4715

Address: 5501 NW Front Ave
Portland, OR 97210-1115

County: MULTNOMAH

Location Comment: Additional Location Details: Front Loading Area Tank 145; Migrated Address Information: 5501
NW Front Ave., Portland 97201, MULTNOMAH County



State of Oregon
Department of
Environmental
Quality

Emergency Response Information System Spill Summary Report

for OERS Number: 97-0937

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number:97-0937

File Name:Chevron Pipeline

QTime #: (for internal use only)

Status:Open

Funding Program(s):

Release

Released On: 04/11/1997

Source: Pipeline

Cause: Equipment Failure

Activity: Other

Weather:

Material(s) Released: 200 Gallons of Oil - Crude

Media Affected:

Description: While testing a 12" line the Chevron asphalt people caused a release.

Report

Reported On: 04/11/1997

Reporting Party: Chevron

Reporting Party Phone #:

DEQ Contact: Edmund Wilson

Spill Site

Address: 5501 NW FRONT AVE

PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water:

Sub Basin:

Basin:

Responsible Party

Organization:

Person Name:

Phone #:

Address:

County:

Location Comment: Migrated Address Information: 5501 NW Front, Portland 97201, MULTNOMAH County



Emergency Response Information System Spill Summary Report

for OERS Number: 95-1818

State of Oregon
Department of
Environmental
Quality

"Please Note: Many spill site addresses are not field verified and may only be rough approximations."

Spill

OERS Number: 95-1818

File Name:

QTime #: (for internal use only)

Status: Open

Funding Program(s): Solid Waste

Release

Released On: 09/13/1995

Source: Bulk Petroleum Storage

Cause: Equipment Failure

Activity: Material Transfer

Weather:

Material(s) Released:

Media Affected: Soil

Description: RUPTURED PIPE

Report

Reported On: 09/13/1995

Reporting Party: AARON ROBERSON

Reporting Party Phone #: 273-4708

DEQ Contact: Sheila Monroe

Spill Site

Address: 5501 NW FRONT AVE
PORTLAND, OR 97210-1115

County: MULTNOMAH

Region: NWR

Body Of Water: Willamette River

Sub Basin: LOWER WILLAMETTE

Basin: WILLAMETTE

Location Comment: Additional Location Details: NW FRONT; Migrated Address Information: 5501 NW FRONT, PORTLAND

Responsible Party

Organization:

Person Name:

Phone #:

Address:

County:

DEQ Spill/Release Form

Office Reference 95-216

NOTIFICATION INFORMATION OERS Number 95-1818 OERS Contact Tami

Report Status - Cancelled ☐ Completed ☒ Ongoing ☐ Referred ☐

DEQ Person Receiving Report Sheila Monroe Date Reported 9-13-95 Time Reported

Reporting Party Arron Roberson / Chevron Phone 503 273 4708

SOURCE Unknown ☐ Multiple (also check all that apply) ☐ AST ☐ Bulk Petroleum Storage ☒ Construction Site ☐ Container ☐
 Drug Lab ☐ Drum ☐ Electrical Equipment ☐ Farm ☐ Industrial Plant ☐ Heating Oil AST ☐ Heating Oil UST ☐ Landfill ☐
 Mine ☐ Motor Vehicle - [Private] ☐ [Commercial] ☐ [Tank Truck] ☐ Pipeline ☐ Railway ☐ Sewer Bypass ☐ UST ☐
 Vessel - [Cargo] ☐ [Tanker] ☐ [Fishing] ☐ [Public] ☐ [Recreational] ☐ [Barge] ☐ Well ☐ Other (describe below) ☐

CAUSE Unknown ☐ Multiple (also check all that apply) ☐ Abandonment/Dumping ☐ Collision ☐ Derailment ☐ Equipment Failure ☒
 Fire ☐ Human Error ☐ Vandalism ☐ Vessel - [Grounding] ☐ [Sinking] ☐ Other (describe below) ☐ ruptured pipe

ACTIVITY Unknown ☐ Bilge Pumping ☐ Bunkering ☐ Dam Construction/Maint. ☐ Lightering ☐ Mining ☐
 Material Handling - [Application] ☐ [Storage] ☐ [Transfer] ☒ [Transport] ☐ Refueling ☐ Other (describe below) ☐

WEATHER Cold ☐ Fog ☐ Hot ☐ Rain ☐ Snow/Ice ☐ Other (describe below) ☐

Release Start Time/Date 9/13/95 18:05 Release Stopped Time/Date (if different)

Describe (additional information on Source, Cause, Activity and Weather)

ruptured pipe

REPORT REQUIRED? Yes ☐ No ☒ Date Required Date Received

NEAREST STREAM AND RIVER (Watershed Information) Willamette River

SPILL SITE Chevron Contact Arron Roberson Phone 273 4708

Address 5501 NW Front City Portland Zip 97210 County Mult.

Where on site?

Directions if no address

RESPONSIBLE PARTY Chevron Contact Arron Roberson Phone 273 4708

Address 5501 NW Front City/State Portland Zip 97210

Mailing Address PO Box 4424 City/State Portland Zip 97208

RP Notified? Yes ☒ No ☐ Assumed Responsibility? Yes ☒ No ☐ Contractor Hired? Yes ☐ No ☒

CLEANUP CONTRACTOR Self / Chevron Field Rep Phone

Address City/State Zip

ON-SITE CONTACT Affiliation Phone

Address City/State Zip

SUBSTANCE(S) RELEASED Unknown ☐ Multiple (also check all that apply) ☐ Animal Waste ☐ Chemical Product ☐

Drug Lab Waste ☐ Food Waste ☐ Hazardous Waste ☐ Herbicide ☐ Insecticide ☐ Medical Waste ☐ Oil - [Crude] ☐ [Diesel] ☐
 Oil - [Fuel] ☐ [Gasoline] ☐ [Heating] ☐ [Hydraulic] ☐ [Lube] ☐ [Transformer] ☐ [Waste Oil] ☐ Oil - [Unknown] ☒ PCBs ☐
 Radioactive ☐ Sewage ☐ Solid Waste ☐ Wastewater (non-sewage) ☐ Other (describe below) ☐

DESCRIPTION - Name, Volume (actual/potential) and Physical State (gas/liquid/solid/semi-solid) for each substance:

210 gal / Slop Oil
washed into Oil Sump for recycling | 40' x 20' soil/gravel stained area

MEDIA AFFECTED Air _____ Groundwater _____ Surface Water _____ Soil _____ Sediment _____

Name/Description _____

AGENCIES NOTIFIED (by DEQ) Agriculture _____ ODFW _____ ODOT _____ OERS _____ Poison Control _____ State Health _____
State Lands _____ State Fire Marshal _____ State Parks _____ State Police _____ US Coast Guard _____ USEPA (Region 10) _____ NRC _____

Note/Reason/Other (describe) _____

SITE VISIT Yes _____ No ☒ Hours _____ Date(s)/Time(s) _____

Describe _____

FUNDING Air Quality _____ Water Quality _____ Solid Waste ☒ Haz Waste _____ Haz Spill _____ Highway _____ OPA _____

DEQ PROGRAM REFERRALS Air _____ ECD _____ Enforcement _____ Haz Waste _____ Solid Waste _____ Tanks _____ Water _____

Date/Reason _____

Was there a threat to public safety? Yes _____ No ☒ Explain _____

Was Public Affairs notified? Yes _____ No ☒ Name _____

Potential for Future Releases? Yes _____ No ☒ Explain _____

Disposal of Cleanup Materials _____

EVALUATION OF THE RELEASE

_____ Release **MAY POSE** a significant threat; **further review** or investigation is recommended (see Referrals above).

☒ Release **POSES NO** significant threat; **no further action** required because:

_____ Release by its nature rapidly dissipates (air emissions, sewage spills).

_____ Release is permitted or otherwise authorized.

☒ Release has been cleaned up to a protective level.

_____ Release otherwise requires no additional investigation, removal, remedial action, or long-term environmental or institutional controls.

_____ De minimis release - Spill to ground surface, cleaned up, **and there is no apparent threat to groundwater, surface water, humans, or sensitive environments.**

_____ < 50 gallons Gasoline or Diesel Fuel.

_____ < 100 gallons Oil, not including Waste Oil.

_____ < 15 gallons Other Hazardous Substances, including Waste Oil.

Evaluator's Signature Shirley C. Monroe Date 9-15-95

Notes - Additional information pertaining to the spill incident, site characteristics, cleanup actions, and rationale for whether or not further cleanup is needed. Attach all correspondence, field notes, reports, site sketches, etc.

cc: _____ If a permitted source, File: _____

UST CLEANUP TELEPHONE USE REPORT

CALL FROM/TO: Aaron Robinson DATE: 9/14/95
WITH: Chevron Asphalt TIME: 2:07
TELEPHONE NO: () 273-4708
REGARDING: '
FILE NO: - -

SUMMARY OF CALL

Contaminated soil to be removed in morning (Friday)
9-15-95 Tim Fithel, Chevron. Cleanup complete.
Soil will go to Hillsboro.

Shelia A. Monor

Staff Signature

RELEASE REPORT AND EVALUATION FOR

Spill # 93-008

Part I. RELEASE INFORMATION

Type of Release: Asphalt
 DEQ Person Receiving Report: B. H. Wilson Phone: 538-8981
 Date Reported: 1/9/93 Time Reported: 12:30 PM EMD #: 93-0044
 EMD Staff Contact: B. H. Wilson
 Reported By: Standard Oil Phone: _____
 Company/Agency: Standard Oil
 Site Contact: RAG 2 MORAVIA Phone: 221-7811
 Company/Agency: RAG 2 MORAVIA
 Site Name: Asphalt Terminal
 Site Address: 5501 NW Front St
 City, Zip: Port County: Mult
 Location Description (if no address): _____

Name, Quantity, and Physical State (gas, liquid, solid) of Substance Released

2000 gallons
 How Release Occurred: Valve open on Rad Csk

Date of Release: 1/9/93 Time of Release: 9:30 AM
 Media Affected: Soils Yes ☒ No ☐ Potential Groundwater Y ☒ N ☐ P Air Y ☒ N ☐ P
 Sediments Y ☒ N ☐ P Surface Water (Name _____) Y ☒ N ☐ P
 Release Stopped and Contained? Y ☒ N ☐ Immediate Response Needed? Y ☐ N
 Potential for Future Releases? Y ☒ N ☐ Explain: _____

Responsible Party Name _____ Phone: _____
 Address/City/Zip _____
 Owner/Operator Notified? Y ☐ N ☐ Assumed Responsibility? Y ☐ N ☐
 Contractor Hired? Y ☐ N ☐

Contractor Name: EMIEIS Phone: _____

Field Representative: _____ Phone: _____

Spill Report Requested? Y ☒ N ☐ Date Required: _____ (attach)

Date Received: _____

Site Visit Conducted? Y ☒ N ☐ Date: 5/11/93

DEQ Staff Who Inspected Site: B. H. Wilson

List Other Federal/State/Local Agencies Notified (N) and Responding (R)

DEQ Public Affairs Notified Y ☐ N ☐

Press Release Needed? Y ☐ N ☐

NARRATIVE SUMMARY OF RELEASE

Provide site description, explanation of how release occurred, status of remedial action if any, and justification for recommendation that further action or no further action is necessary. Prepare site map if referring release for further action, p.4)

material solidified + WAS BEING PICKED UP.

PART II. RELEASE POSES NO SIGNIFICANT THREAT; NO FURTHER ACTION REQUIRED

De minimis release

Gasoline or diesel fuel

<50 gallons to ground surface if no apparent threat to groundwater, surface water, humans, sensitive environments

Oil (does not include waste oil)

<100 gallons to ground surface if there is no apparent threat to groundwater, surface water, humans, or sensitive environments

Other hazardous substances (includes waste oil)

<15 gallons to ground surface if there is no apparent threat to groundwater or surface water, humans or sensitive environment

Release by its nature rapidly dissipates

Release is permitted or otherwise authorized

Release is a FIFRA-registered pesticide, applied appropriately for intended use

Release has been cleaned up to protective level

Release otherwise requires no additional investigation, removal, remedial action, or long-term environmental or institutional controls

From:

Evaluator's Signature

Date

HS

Oil

Sewage

AQ

MISC

cc: Hazardous Materials Section
Regional Operations
Public Affairs

Air Quality
Water Quality
Hazardous Waste

Time Spent *1 HR*

DEQ EMERGENCY RESPONSE FORM

NORTHWEST REGION SPILL # H-20

PERSON RECEIVING REPORT

NAME: Don Peters - NWR

PHONE NO.: 229 5296

WHEN RECEIVED

DATE: 8/23/89 TIME: 1:46p

EMD INCIDENT NO. 89-886
(If no EMD contact, see REVERSE)

PERSON REPORTING SPILL

NAME: Dennis Sorrensen

COMPANY/AGENCY: Chevron

PHONE NO.: 221-7830

ON SCENE CONTACT PERSON:

NAME:

COMPANY/AGENCY:

PHONE NO.:

WHERE/WHEN SPILL OCCURRED

LOCATION: Chevron asphalt

refinery: 5501 NW Front

PTD

COUNTY: MULT.

DATE: 8/22/89 TIME:

MATERIAL(S) DESCRIPTION AND QUANTITY

30 gallons of oil

POTENTIAL FOR FURTHER SPILLAGE?

Y N

IF YES, DESCRIBE:

✓ AQ ✓ RCRA UST WQ
✓ NON-RCRA HW

THREAT TO PUBLIC WATERS?

IF YES, DESCRIBE:

THREAT TO PUBLIC SAFETY

IF YES, DESCRIBE:

HOW SPILL OCCURRED

Sump pump went out last night in rain storm
oil released to a confined area.

RESPONSE ACTION INITIATED:

1. IS SITE SECURED FOR SAFETY? Y N

BY WHOM Chevron

2. CONTAINMENT STEPS TAKEN yes wing

RR ties

Y N

3. SPILLER NOTIFIED ✓

ASSUMED CLEANUP RESPON. ✓

CONTACT NAME & NO.

4. CLEANUP CREW AND EQUIPMENT Y N

ON SCENE

IF NOT, EXPECTED ARRIVAL

5. OTHER PUBLIC AGENCIES RESPONDING

IF NO POLICE OR FIRE, SEE REVERSE

6. NOTIFICATION(S):

7. IS A PUBLIC ANNOUNCEMENT Y N
NEEDED?

8. SITE VISIT CONDUCTED? Y N

ACTION TAKEN:

National Response Center
Notified by Chevron

60303 (1/88)
cc: ✓ Hazardous Materials Section
✓ Regional Operations
✓ Public Affairs
✓ Hazardous Waste Section
(HW Related)
Water Quality (WQ Related)
Air Quality (AQ Related)

SPILL REPORTS PROCEDURE

If a spill call comes directly into a DEQ office, call Emergency Management Division to alert them to the spill: 378-4124, off-hours 1-800-452-0311.

IF NO POLICE OR FIRE RESPONDED, DEQ MUST FILE A SPILL REPORT WITH STATE FIRE MARSHAL THROUGH HAZARDOUS MATERIALS SECTION.

U.S. COAST GUARD - 240-9300

Report all spills into Willamette River below Willamette Falls, and all spills into Columbia River below Bonneville Dam. U.S.C.G. should be the primary responder in these areas.

OREGON DEPARTMENT OF FISH AND WILDLIFE

All spills which might affect fish or wildlife should be called to ODFW. If not in the office, call the regional office closest to the spill.

Gregory Robart - 229-6959

OREGON STATE HEALTH DIVISION - 229-5792 After Hours - 229-5599

Any spill with public health impacts such as a gas release or those into water near public/private water supplies should be called to the Health Division.

Call 229-5792 and indicate you have a spill and need Health Division assistance.

Drinking Water Program

Call whenever a spill might affect a public drinking water intake.

Dave Leland - 229-6307
John Huffman - 229-6309
Jim Boydston - 229-6302

Call Shellfish Protection program when raw or partially treated sewage reaches a bay or estuary.

Bruce Arnold - 229-6269

MULTNOMAH COUNTY HEALTH DEPARTMENT

Call if there may be potential public health impacts in Multnomah County (sewage bypass to Willamette in summer, gas release, etc.)

Dr. Gary Oxman - 248-3674
Art Bloom - 248-3400

OREGON POISON CONTROL CENTER - 225-8968

Call Poison Control for any information about toxic human affects and whenever public health is potentially affected by toxics.

DEQ EMERGENCY RESPONSE FORM

PERSON RECEIVING REPORT

NAME: Charles Gray

PHONE NO.: 229-5288

WHEN RECEIVED

DATE: 5/2/88 TIME: 10:40 a.m.

EMD INCIDENT NO. 88-300
(If no EMD contact, see REVERSE)

PERSON REPORTING SPILL

NAME: Roger Allcraft

COMPANY/AGENCY: Chevron

PHONE NO.: 221-7802

ON SCENE CONTACT PERSON:

NAME: same

COMPANY/AGENCY: _____

PHONE NO.: _____

WHERE/WHEN SPILL OCCURRED

LOCATION: 5501 N.W. Fjord

Ave, P.O.

COUNTY: Multnomah

DATE: 5/1/88 TIME: 7:00 p.m.

MATERIAL(S) DESCRIPTION AND QUANTITY

210 gals of crude oil

POTENTIAL FOR FURTHER SPILLAGE?

Y N

IF YES, DESCRIBE: _____

THREAT TO PUBLIC WATERS?

IF YES, DESCRIBE: _____

NORTHWEST REGION SPILL # ET

6. NOTIFICATION(S):

THREAT TO PUBLIC SAFETY

IF YES, DESCRIBE: _____

HOW SPILL OCCURRED

Drain was plugged while

they were pumping a tank

& spilled on the ground

RESPONSE ACTION INITIATED:

1. IS SITE SECURED FOR SAFETY? Y N

BY WHOM Chevron

2. CONTAINMENT STEPS TAKEN _____

3. SPILLER NOTIFIED

ASSUMED CLEANUP RESPON. _____

CONTACT NAME & NO. _____

4. CLEANUP CREW AND EQUIPMENT

ON SCENE _____

IF NOT, EXPECTED ARRIVAL _____

5. OTHER PUBLIC AGENCIES RESPONDING

IF NO POLICE OR FIRE, SEE REVERSE

7. IS A PUBLIC ANNOUNCEMENT NEEDED?

8. SITE VISIT CONDUCTED? Y N

ACTION TAKEN:

GO303 (1/88)

cc: Hazardous Materials Section

Regional Operations

Public Affairs

Hazardous Waste Section

(HW Related)

Water Quality (WQ Related)

Air Quality (AQ Related)

_____ AQ _____ RCRA _____ UST _____ WQ

_____ NON-RCRA _____ HW _____

SPILL REPORTS PROCEDURE

If a spill call comes directly into a DEQ office, call Emergency Management Division to alert them to the spill: 378-4124, off-hours 1-800-452-0311.

IF NO POLICE OR FIRE RESPONDED, DEQ MUST FILE A SPILL REPORT WITH STATE FIRE MARSHALL THROUGH HAZARDOUS MATERIALS SECTION.

U.S. COAST GUARD - 240-9300

Report all spills into Willamette River below Willamette Falls, and all spills into Columbia River below Bonneville Dam. U.S.C.G. should be the primary responder in these areas.

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Gregory Robart - 229-6959

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Call 229-5792 and indicate you have a spill and need Health Division assistance.

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Call whenever a spill might affect a public drinking water intake.

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Bruce Arnold - 229-6269

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Dr. Gary Oxman - 248-3674
Art Bloom - 248-3400

OREGON POISON CONTROL CENTER - 225-8968

Call Poison Control for any information about toxic human affects and whenever public health is potentially affected by toxics.

RP1233 (NWR) 1/88



Chevron U.S.A. Inc.

5501 N.W. Front Avenue, Portland, OR 97210 • Phone (503) 221-7811

RECEIVED

MAY 18 1988

NORTHWEST REGION

Willbridge Asphalt Refinery

May 17, 1988

Mr. Harry Demaray
Dept. of Environmental Quality
State of Oregon
811 SW 6th
Portland OR 97204

Dear Harry:

Attached is a report of the spill reported to DEM on 5/2/88.
If you need additional information, please call me at
221-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Allcroft".

R.N. Allcroft
Refinery Manager

Attachment

☒ Initial Report
☐ Update

TELEPHONE REPORT
SPILL

HQID # _____
Div # NW-19-4-88

OIL OR HAZARDOUS SUBSTANCE

Received By S. E. Merritt
Name Cherron U. S. A. Inc.
Division N.A. Facility Type Refinery
Address 5501 NW Front St. Portland, Or
Reported by B. N. Allcroft Date/Time: 5-2-88
Incident Date/Time: 5-1-88
Product(s) 5 Barrels - Crude Oil

☐ Non-Company Spill
☐ Co. Op. # _____
☐ 2-Party
☐ 3-Party # _____
☒ Other

Quantity Spilled 210 gals.

1. Spill Source ☐ Co. Truck* ☒ Fitting ☐ Product Line ☐ Pipeline ☐ Other
2. Has spill been stopped? ☒ Yes ☐ No
3. How did the spill occur? Drain from the water draw sump to the separator plugged up temporarily, backing the crude/water mixture unto the ground. A leaking steam coil discharged into the water draw sump as we had to heat the tank prior to unit startup. Suspect an initial slug of crude oil from the coil plugged the sewer line. The steam line and sewer are both clear and operating properly now.
4. What is being done to clean it up?
5. Is spill reportable to NRC? ☐ Yes ☐ No Date Reported ☒ No
6. What other agencies have been notified? Name & Phone # State of Oregon Dept of Emergency Management
7. Did the spill reach navigable waters? ☐ Yes ☒ No
8. Is there any jeopardy to life or property? ☐ Yes ☒ No
9. Has the spill migrated off-site? ☐ Yes ☒ No
10. Clean-up status: ☐ In-progress ☒ Complete ☐ Closed Assigned to: _____
11. Amount of product recovered** to date 210 gals.
12. If in-progress, how long will it take to clean-up spill? _____
13. Applicable procedures being followed at the time of the spill? ☒ Yes ☐ No
14. If not, explain _____
15. What could be done to prevent recurrence? Be sure the drain from the water draw sump is clear
16. GO-140 to follow? ☐ Yes ☒ No ☐ TBD Update to follow? ☐ Yes ☐ No
17. Corporate Recordable? ☒ Yes ☐ No ☐ TBD

Comments: _____

* Truck Number n/a Driver's Name n/a
Work Location n/a

Note: Obtain Driver's statement if spill was over 42 gallons

** Removed from the environment

Distributed to: H.G. Szydlowski / C. A. Lupcho - S. J.

D. Moller, D. L. Comfort, D. M. Samuel,
S. E. Merritt, A. J. Festie - S. J., B. N. Allcroft - Mill.
Asphalt

2/26/87

DEQ EMERGENCY RESPONSE FORM

DEQ/EGW/LRB

NORTHWEST REGION SPILL # C-21

PERSON RECEIVING REPORT

NAME: Rane Nomura

PHONE NO.: 2296220

WHEN RECEIVED

DATE: 3/28/89 TIME: 1:08

EMD INCIDENT NO. 89-297

(If no EMD contact, see REVERSE)

PERSON REPORTING SPILL

NAME: Ina McCaine

COMPANY/AGENCY: Coast Guard

PHONE NO.: _____

ON SCENE CONTACT PERSON:

NAME: Roger Allcroft

COMPANY/AGENCY: Chvron

PHONE NO.: 2217802

WHERE/WHEN SPILL OCCURRED

LOCATION: Chvron Oil Wilbridge

Asphalt Refinery, Portland, OR

Will. R. Front Ave

COUNTY: Multnomah

DATE: 3/28/89 TIME: 9:10am

MATERIAL(S) DESCRIPTION AND QUANTITY

heat transfer oil - quantity

unknown (recovered 30gal from Will R.)

POTENTIAL FOR FURTHER SPILLAGE?

Y N

IF YES, DESCRIBE: _____

THREAT TO PUBLIC WATERS?

Y N

IF YES, DESCRIBE: Entered into Will.

R. through city storm drain

THREAT TO PUBLIC SAFETY

Y N

IF YES, DESCRIBE: _____

HOW SPILL OCCURRED

Failure in pipe flange.

Oil ran across ground then

to storm drain

RESPONSE ACTION INITIATED:

1. IS SITE SECURED FOR SAFETY? Y N

BY WHOM Chvron

2. CONTAINMENT STEPS TAKEN Containment

boom @ storm drain to Will. R., pads

on river to soak up oil, storm

drains being flushed Y N

3. SPILLER NOTIFIED ✓

ASSUMED CLEANUP RESPNS. ✓

CONTACT NAME & NO. _____

4. CLEANUP CREW AND EQUIPMENT Y N

ON SCENE

IF NOT, EXPECTED ARRIVAL _____

5. OTHER PUBLIC AGENCIES RESPONDING

IF NO POLICE OR FIRE, SEE REVERSE

6. NOTIFICATION(S):

7. IS A PUBLIC ANNOUNCEMENT Y N NEEDED?

8. SITE VISIT CONDUCTED? Y N

ACTION TAKEN:

Mr. Allcroft will submit report to DEQ.

GO303 (1/88)

cc: Hazardous Materials Section
Regional Operations
Public Affairs
Hazardous Waste Section
(HW Related)
Water Quality (WQ Related)
Air Quality (AQ Related)

✓ AQ RCRA UST X WQ
NON-RCRA HW

SPILL REPORTS PROCEDURE

If a spill call comes directly into a DEQ office, call Emergency Management Division to alert them to the spill: 378-4124, off-hours 1-800-452-0311.

IF NO POLICE OR FIRE RESPONDED, DEQ MUST FILE A SPILL REPORT WITH STATE FIRE MARSHALL THROUGH HAZARDOUS MATERIALS SECTION.

U.S. COAST GUARD - 240-9300

Report all spills into Willamette River below Willamette Falls, and all spills into Columbia River below Bonneville Dam. U.S.C.G. should be the primary responder in these areas.

OREGON DEPARTMENT OF FISH AND WILDLIFE

All spills which might affect fish or wildlife should be called to ODFW. If not in the office, call the regional office closest to the spill.

Gregory Robart - 229-6959

OREGON STATE HEALTH DIVISION - 229-5792 After Hours - 229-5599

Any spill with public health impacts such as a gas release.

Call 229-5792 and indicate you have a spill and need Health Division assistance.

Drinking Water Program

Call whenever a spill might affect a public drinking water intake.

Dave Leland - 229-6307
John Huffman - 229-6309
Jim Boydston - 229-6302

Call Shellfish Protection program when raw or partially treated sewage reaches a bay or estuary.

Bruce Arnold - 229-6269

MULTNOMAH COUNTY HEALTH DEPARTMENT

Call if there may be potential public health impacts in Multnomah County (sewage bypass to Willamette in summer, gas release, etc.)

Dr. Gary Oxman - 248-3674
Art Bloom - 248-3400

OREGON POISON CONTROL CENTER - 225-8968

Call Poison Control for any information about toxic human affects and whenever public health is potentially affected by toxics.

RELEASE EVALUATION

Responsible Party Chevron Oil Willbridge Asphalt Refinery EMD No. 89-297
Substance Released Heat transfer oil Quantity unknown, @ time of report = 30 gal
Date of Release 3/28/89 9:10am Location Will. R @ refinery on front
Inspector RL Nomura

I have reviewed the attached complaint or spill report on the above reported release and have determined that:

Validate Information

- ☐ The information on the release is not valid; no further action needed.
- ☒ The information is valid.

Confirm Release

- ☒ A release has occurred, but not of a hazardous substance.
- ☐ A release of a hazardous substance has been confirmed through written report or site inspection by DEQ/other agency.
- ☐ Other releases are known or suspected.
- ☐ The release was of a diminimus quantity.

Evaluate Cleanup

- ☒ Remedial action has occurred and consisted of:
- ☐ Cleanup to no visible sheen or odor; no sample taken
- ☐ Cleanup to background and sample results have been received.
- ☐ Cleanup occurred, but no sampling was done.
- ☐ Partial cleanup occurred and more work is needed.
- ☒ Cleanup to best practical level.

Assess Impact

- ☒ No public health or environmental impacts remain or have the potential to occur because:
- ☒ Cleanup satisfactory (~~Some trace soil contamination may remain~~).
- ☐ Remote location and small quantity released.
- ☐ No waterways near
- ☐ No groundwater impact likely.
- ☐ Other _____

Assess Impact (continued)

- ☐ Potential for health or environmental impact remains due to
 - ☐ Surface water impact occurred and users are nearby.
 - ☐ Groundwater impact is known or likely.
 - ☐ Surface water impact and wildlife nearby.
 - ☐ Location not remote.
 - ☐ Other _____

Site Visit

- ☐ A site visit was conducted by DEQ.
- ☐ A site visit was conducted by another public official.
- ☒ No site visit occurred.

Other Regulatory Actions

- ☒ Site has DEQ permit or approval (AQ, WQ, SW, or HW).
- ☐ Site has had no prior DEQ involvement.
- ☐ Other releases have occurred and have been investigated by DEQ.
- ☐ EPA has had involvement on current or past releases.

Further Action Needed

- ☐ Additional documentation
- ☐ Additional cleanup (to background or matrix levels).
- ☐ Additional review of site history or data, including other releases.
- ☐ Additional evaluation of health, welfare or environmental impacts.
- ☐ Additional information on extent of release.
- ☐ Map or sketch of release area.

Secondary Assessment

- ☐ A secondary assessment is recommended for this release.
- ☒ A secondary assessment is not recommended.

* Use this are for a sketch of the site or further description of work needed at the site.



Chevron U.S.A. Inc.

5501 N.W. Front Avenue, Portland, OR 97210 • Phone (503) 221-7811

Dept. of Environmental Quality
RECEIVED
MAY 11 1989

Willbridge Asphalt Refinery

NORTHWEST REGION

May 5, 1989

cc to File
+ spill report

kin
Ms. Ranei Nomur
DEQ NW Regional Office
811 SW 6th Avenue
Portland OR 97208

Re: March 28, 1989 Oil Spill
Willbridge Asphalt Refinery
Portland, Oregon

Dear Ms. Nomur:

We have completed the investigation of our recent oil spill and determined the spill was caused by the installation of an improper gasket and our failure to follow our SPCC Plan guidelines.

We have reviewed our SPCC Plan and our maintenance procedures for gasket use in high temperature applications with all our employees. We determined our SPCC Plan was adequate and would have prevented the spill from reaching the water if it had been followed.

I am confident these actions will prevent a reoccurrence of such an incident.

Very truly yours,

R.N. Allcroft
Refinery Manager

DEQ EMERGENCY RESPONSE FORM

PERSON RECEIVING REPORT

NAME: Charles Gray

PHONE NO.: 229-5288

WHEN RECEIVED

DATE: 3/28/89 TIME: 9:00 a.m.

EMD INCIDENT NO. _____
(If no EMD contact, see REVERSE)

PERSON REPORTING SPILL

NAME: Roger Allcroft

COMPANY/AGENCY: Chevron

PHONE NO.: 221-7802

ON SCENE CONTACT PERSON:

NAME: same

COMPANY/AGENCY: _____

PHONE NO.: _____

WHERE/WHEN SPILL OCCURRED

LOCATION: Plano

COUNTY: Multnomah

DATE: 3/28/89 TIME: 0730

MATERIAL(S) DESCRIPTION AND QUANTITY

approx 35 gals of oil

POTENTIAL FOR FURTHER SPILLAGE?

Y N

IF YES, DESCRIBE: _____

THREAT TO PUBLIC WATERS?

IF YES, DESCRIBE: _____ Y N X

THREAT TO PUBLIC SAFETY

IF YES, DESCRIBE: _____ Y N X

HOW SPILL OCCURRED

Flange failed in line carrying heated oil

RESPONSE ACTION INITIATED:

1. IS SITE SECURED FOR SAFETY? Y N

BY WHOM X

2. CONTAINMENT STEPS TAKEN storm

drain blocked

3. SPILLER NOTIFIED _____ Y N

ASSUMED CLEANUP RESPON. _____

CONTACT NAME & NO. _____

4. CLEANUP CREW AND EQUIPMENT Y N

ON SCENE

IF NOT, EXPECTED ARRIVAL _____

5. OTHER PUBLIC AGENCIES RESPONDING

IF NO POLICE OR FIRE, SEE REVERSE

NORTHWEST REGION SPILL # C-24

6. NOTIFICATION(S):

7. IS A PUBLIC ANNOUNCEMENT NEEDED? Y N X

8. SITE VISIT CONDUCTED? Y N X

ACTION TAKEN:

GO303 (1/88)

cc: Hazardous Materials Section
Regional Operations
Public Affairs
Hazardous Waste Section
(HW Related)
Water Quality (WQ Related)
Air Quality (AQ Related)

— AQ — RCRA — UST X WQ
— NON-RCRA HW

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Art Bloom - 248-3400

OREGON POISON CONTROL CENTER - 225-8968

Call Poison Control for any information about toxic human affects and whenever public health is potentially affected by toxics.

Roger Allenoit - Cheuron 3/29/89

Plant drainage system flushed out

River now has ~~three~~ ² booms on & Absorbent Pad

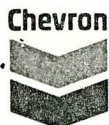
initial release captured by boom in place

Change Absorbent Pads daily

~150 gallons lost 30-40 gal to water

Expect continued slight sheen until "good flushing Rain"

Sending Report to CH6 ASAR



Chevron U.S.A. Inc.
5501 N.W. Front Avenue, Portland, OR 97210 • Phone (503) 221-7811

Willbridge Asphalt Refinery

Dept. of Environmental Quality

RECEIVED
APR 04 1989

NORTHWEST REGION

March 29, 1989

RLN

Ms. Rane Nomur
DEQ NW Regional Office
811 SW 6th Avenue
Portland OR 97208

Re: March 28, 1989 Oil Spill
Willbridge Asphalt Refinery
Portland, Oregon

*File + copy to
spill report.*

Dear Ms. Nomur:

This is a summary of the oil spill which occurred at our refinery on March 28, 1989.

The oil spill came from a leaky flange on our hot oil system at T-110, an asphalt tank. This tank was just taken out of service with the hot oil lines blinded for tank entry. The blinds were removed and the hot oil system was put back into operation on March 23, 1989. The system was monitored at startup and no unusual conditions were noted.

The spill occurred between 11:00 PM on March 27th and 7:30 AM on March 28, 1989. We estimate 150 gallons of oil leaked from the flange and ran into a catch basin emptying into the refinery's storm drainage system. The valves draining this catch basin were open at the time due to the rainy conditions that evening. The oil ran through our storm drains, into the City of Portland's main storm drain in Front Avenue and discharged into the Willamette River near our dock. We estimate 30-40 gallons of oil reached the river.

The spill was discovered at 7:30 AM on March 28, 1989. We immediately checked our storm drain discharge valves and found them closed. We then isolated our hot oil system from T-110 and tightened the bolts on the leaky flange which stopped the leak. The catch basin was dammed preventing the oil already on the ground from entering our storm drain.

At this point we notified the National Response Center of the spill as we were concerned of the possibility of the oil entering the Willamette River. We also notified the Coast Guard in Portland, the DEQ NW Region Office, the City of Portland and our Chevron offices in Seattle and San Francisco.

We then proceeded to inspect the discharge point of the City's storm drain into the Willamette River. We found this discharge point into the river was boomed prior to the release because of an ongoing remedial seepage. There were about 30-40 gallons of oil floating on the water inside this boomed area. We called Reidel Environmental and they responded immediately to collect this oil. We used our spill response boat to put a second boom outside the affected area as a precautionary measure.

We then flushed out our storm drain system and collected the oily dirt from the flange leak area. We are now discharging into the City's storm drain. We have double boomed the outfall point and will monitor it each day, collecting any oil discovered. All wastes will be recycled at our refinery or disposed of at St. John's Landfill. We estimate we will recover about 98% of the oil spilled.

We have begun an investigation into what specifically caused the flange to leak and why our SPCC Plan procedures did not prevent the oil from leaving our property. I expect this investigation to be completed and any recommendations implemented by April 7, 1989.

If you have any questions or need additional information, please contact me at (503)221-7802.

Very truly yours,

A handwritten signature in dark ink, appearing to read "R.N. Allcroft", with a stylized flourish at the end.

R.N. Allcroft



no - meet
Chevron U.S.A. Inc.

5501 N.W. Front Avenue, Portland, OR 97210 • Phone (503) 221-7811

spill
RECEIVED

copy
AUG 09 1988

Willbridge Asphalt Refinery

NORTHWEST REGION

August 4, 1988

Mr. Loren Garner
Dept. of Environmental Quality
State of Oregon
811 SW 6th
Portland OR 97204

Dear Loren:

Attached is a report of the spill reported to DEQ on 8/2/88.
If you need additional information, please call me at
221-7802.

Sincerely,

R.N. Allcroft
Refinery Manager

Attachment

VIEW THE NOTE

E20

From: TRALL --COVMB

Date and time

08/02/88 11:31:02

To: TEMER --COVMB

S. E. MERRITT

FROM: Roger Allcroft

SUBJECT: Product Spill

We had a 9 bbl product spill last night from the water draw of T-105, our crude tank. The product was contained on our property and 100% was recovered. Below are details of the spill (per telephone report form):

Facility: Willbridge Asphalt Refinery

Time of Spill: 8/1/88 @ 1630 hours

Product: Santa Maria crude oil

Quantity Spilled: 9 bbls (378 gals)

1. Source: T-105 water draw
2. Spill was discovered and stopped @ time of spill
3. How occurred: While drawing water from T-105 through the water draw, crude oil came out the water draw line and plugged up the sewer line from the water draw sump. The sump overflowed spilling crude oil onto the ground.
4. Cleanup: Free product is being pumped into the separator where it will be reclaimed. Contaminated dirt and rock will be put into drums and disposed of at a suitable landfill.
5. Reportable: Spill was reported to OregonDept. of Emergency Mgmt. on 8/2/88.
6. Other notification: No other agencies were notified.
7. Navigable waters reached: No
8. Jeopardy to life or property: No
9. Spill migrated off-site: No
10. Clean-up status: In progress
11. Product recovered to date: 3 bbls (126 gals)
12. Completed: cleanup will be completed 8/3/88
13. Procedures followed: Yes. As our crude oil tank has water continuously dropping out of the tank, we open the water draw to remove the water and monitor the process periodically. We were doing this.
14. N/A
15. Prevent reoccurrence: We are reviewing our procedure and water draw equipment to determine what we will need to do to prevent this spill from reoccurring. We will have recommendation by 8/19/88.
16. GO-140 prepared: No
17. Recordable: Yes

If you need any more information, please call me.

R. N. (Roger) Allcroft - CTN 221-3802
Willbridge Asphalt Refinery - Portland, Or.

E N D O F N O T E

DEQ EMERGENCY RESPONSE FORM

PERSON RECEIVING REPORT

NAME: R.J. VohelPHONE NO.: 5245

WHEN RECEIVED

DATE: 8/2/88 TIME: 1335EMD INCIDENT NO. 88-576
(If no EMD contact, see REVERSE)

PERSON REPORTING SPILL

NAME: Claudia AndersonCOMPANY/AGENCY: EMD

PHONE NO.: _____

ON SCENE CONTACT PERSON:

NAME: Rod MillerCOMPANY/AGENCY: ChevronPHONE NO.: 221-7811

WHERE/WHEN SPILL OCCURRED

LOCATION: Chevron AsphaltRefinery NW FrontRldCOUNTY: MultnomahDATE: 8/1/88 TIME: 1630

MATERIAL(S) DESCRIPTION AND QUANTITY

378 gallon oil spillcrude oil

POTENTIAL FOR FURTHER SPILLAGE?

Y N
X

IF YES, DESCRIBE: _____

 AQ RCRA UST X WQ
 NON-RCRA HW

THREAT TO PUBLIC WATERS?

Y N

IF YES, DESCRIBE: _____

THREAT TO PUBLIC SAFETY

Y N

IF YES, DESCRIBE: _____

HOW SPILL OCCURRED

RESPONSE ACTION INITIATED:

1. IS SITE SECURED FOR SAFETY? Y NBY WHOM Chevron X2. CONTAINMENT STEPS TAKEN Spilled toChevron yard.3. SPILLER NOTIFIED X ASSUMED CLEANUP RESPON. X

CONTACT NAME & NO. _____

4. CLEANUP CREW AND EQUIPMENT Y NON SCENE X

IF NOT, EXPECTED ARRIVAL _____

5. OTHER PUBLIC AGENCIES RESPONDING
IF NO POLICE OR FIRE, SEE REVERSENORTHWEST REGION SPILL # H-2

6. NOTIFICATION(S):

7. IS A PUBLIC ANNOUNCEMENT Y N
NEEDED?8. SITE VISIT CONDUCTED? Y N

ACTION TAKEN:

• Crude oil spilled on gravel -
at time of notification
~ 1/2 of spill has been cleaned
up. Chevron will remove
gravel contaminated.

Talked to Rod Miller Aug 2, 88
He has everything under control,
gravel will be taken to landfill.
He will submit a spill report
in ~ 10 days.

LLY

G0303 (1/88)

cc: Hazardous Materials Section
Regional Operations
Public Affairs
Hazardous Waste Section
(HW Related)
Water Quality (WQ Related)
Air Quality (AQ Related)

SPILL REPORTS PROCEDURE

If a spill call comes directly into a DEQ office, call Emergency Management Division to alert them to the spill: 378-4124, off-hours 1-800-452-0311.

IF NO POLICE OR FIRE RESPONDED, DEQ MUST FILE A SPILL REPORT WITH STATE FIRE MARSHALL THROUGH HAZARDOUS MATERIALS SECTION.

U.S. COAST GUARD - 240-9300

Report all spills into Willamette River below Willamette Falls, and all spills into Columbia River below Bonneville Dam. U.S.C.G. should be the primary responder in these areas.

OREGON DEPARTMENT OF FISH AND WILDLIFE

All spills which might affect fish or wildlife should be called to ODFW. If not in the office, call the regional office closest to the spill.

Gregory Robart - 229-6959

OREGON STATE HEALTH DIVISION - 229-5792 After Hours - 229-5599

Any spill with public health impacts such as a gas release.

Call 229-5792 and indicate you have a spill and need Health Division assistance.

Drinking Water Program

Call whenever a spill might affect a public drinking water intake.

Dave Leland - 229-6307
John Huffman - 229-6309
Jim Boydston - 229-6302

Call Shellfish Protection program when raw or partially treated sewage reaches a bay or estuary.

Bruce Arnold - 229-6269

MULTNOMAH COUNTY HEALTH DEPARTMENT

Call if there may be potential public health impacts in Multnomah County (sewage bypass to Willamette in summer, gas release, etc.)

Dr. Gary Oxman - 248-3674
Art Bloom - 248-3400

OREGON POISON CONTROL CENTER - 225-8968

Call Poison Control for any information about toxic human affects and whenever public health is potentially affected by toxics.

DEQ EMERGENCY RESPONSE FORM

PERSON RECEIVING REPORT

NAME: JUDY JOHNDOHL

PHONE NO.: 229-5336

WHEN RECEIVED

DATE: JUNE 10, 1986 TIME: 10:05 AM

EMD INCIDENT NO. _____

PERSON REPORTING SPILL

NAME: ARCHIE MUSTARD

COMPANY/AGENCY: EMD

PHONE NO.: 378-4125

ON SCENE CONTACT PERSON:

NAME: ROGER ALLCOTT / BRUCE FITTERER

COMPANY/AGENCY: CHEVRON

PHONE NO.: 221-7802

WHERE/WHEN SPILL OCCURRED

LOCATION: WILLBRIDGE ASPHALT

REFINERY

COUNTY: MULTNOMAH

DATE: JUNE 10, 1986 TIME: 4:30 AM

MATERIAL(S) DESCRIPTION AND QUANTITY

#8 CUT - LUBE OIL PRODUCT

500° FLASH POINT

ESTIMATE LESS THAN 10 BARRELS ON GROUND.

Possibly would be more in drain
POTENTIAL FOR FURTHER SPILLAGE? ☐ Y ☒ N

IF YES, DESCRIBE: _____

THIS IS A SURFACE WATER DRAIN WHICH WAS BLOCKED OFF.

THREAT TO PUBLIC WATERS?

IF YES, DESCRIBE: _____

THREAT TO PUBLIC SAFETY

IF YES, DESCRIBE: _____

HOW SPILL OCCURRED

DEFECTIVE RELIEF VALVE. VALVE

SUPPOSE TO BE GOOD @ 120 lbs.; CHEVRON

TESTED & FOUND IT DEFECTIVE @ 70 lbs.

RESPONSE ACTION INITIATED:

1. IS SITE SECURED FOR SAFETY? ☒ Y ☐ N

BY WHOM CHEVRON - THIS IS AN ISOLATED

2. CONTAINMENT STEPS TAKEN TANK YARD

MATERIAL PUMPED & OILY GRAVEL

BEING PLACED IN BARRELS

3. SPILLER NOTIFIED ☒ Y ☐ N

ASSUMED CLEANUP RESPON. ☒ Y ☐ N

CONTACT NAME & NO. _____

BRUCE FITTERER 221-7802

4. CLEANUP CREW AND EQUIPMENT ☒ Y ☐ N

ON SCENE

IF NOT, EXPECTED ARRIVAL _____

5. OTHER PUBLIC AGENCIES RESPONDING

NONE

6. NOTIFICATION(S): _____

7. IS A PUBLIC ANNOUNCEMENT NEEDED? ☐ Y ☒ N

ACTION TAKEN:

NO FIELD RESPONSE. INFORMED
BRUCE TO SEND IN SPILL REPORT
AND THAT I WOULD NOTIFY
HARRY DEMARAY.

NO FURTHER ACTION.

Judy K. Johndohl

G0303 (3/86)
cc: Hazardous Materials Section
Regional Operations
Public Affairs

SPILL REPORTS

U.S. Coast Guard

240-9300

Report all spills into Willamette River below Willamette Falls, and all spills into Columbia River below Bonneville Dam. U.S.C.G. should be the primary responder in these areas.

Oregon Department of Fish & Wildlife

All spills which might affect fish or wildlife should be called to ODFW. If neither are in the office, call the regional office closest to the spill.

Irv Jones
Tony Faast

229-5683
229-5689

Oregon State Health Division

Any spills which might affect public health such as gas releases should be called to the Health Division.

Michael Heumann
Jane Gordon
Larry Foster

229-5233
229-5062
229-5792

Multnomah County Health Department

Call if there may be potential public health impacts in Multnomah County (sewage bypass to Willamette in summer, gas release etc.)

Dr. Charles Schade
Art Bloom

248-3406
248-3406

Oregon State Health Division

Call whenever a spill might affect a public drinking water intake.

Drinking Water Program

Jim Huffman
Jim Boydston
Dave Leland

229-6309
229-6302
229-5784

RR785

Before reporting to the scene

Your name Calaba

Dept. of Environmental Quality

F. Materials involved (description & volume)

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JUN 5 1985

Three drums

NORTHWEST REGION

1. Get information about person reporting spill.

Name Gerry Harpham

Affiliation EMD

Phone 378-4124

Date of report 6/3/85 Time 5:00 pm

EMD incident number _____

Other agencies contacted None

2. Get information about spill.

A. Name of on-scene respondent Roger Alcroft

Affiliation Chevron

Phone 221-7802

B. Date of spill _____ Time _____

C. Location of spill 5501 NW Front
6/3/85 County Multnomah

D. Property owner _____

E. Party responsible for spill Chemical Transport

Company, Stockton CA

Has party accepted responsibility

for spill? Y ☐ N ☐

(If responsible party unknown or hasn't accepted responsibility, contact EPA.)

F. Materials involved (description & volume)

(If unknown, check the manifest, shipping papers, shipper, intended receiver. Chemtrec can help translate brand name into chemical substance and probable manufacturer.)

G. Proximity to public waters, other threats

Didn't enter river.

H. How spill occurred Have ruptured
433 gallons spilled; contained
fully -

I. Containment steps being taken In
process neutralizing; discharge
to city sewer.

3. Have the following been notified?

Regional Operations Y ☒ N ☐
Hazardous Waste Operations Y ☒ N ☐
Public Affairs Y ☐ N ☐
EPA Y ☐ N ☐ EMD Y ☒ N ☐

4. If field response is unnecessary, explain.

no ... materials been contained
on-site.

At the scene

1. Check in with persons in charge. Let them know you're available.
2. Assess environmental impact to the following:
Proximity to people, groundwater, surface water, livestock, hatcheries, crops, other.
Describe impact: _____

3. Institute interim containment measures.
Diking _____; booming _____;
sanding _____; other _____

4. Collect samples if necessary. (Use quart mason jar with aluminum foil seal between lid & jar.)
Sample taken? Y _____ N _____
5. Take photographs if necessary.
Photos taken? Y _____ N _____

SPECIAL NOTE REGARDING HAZARDOUS/TOXIC EMERGENCIES:
Remember! You aren't equipped to do hands-on clean-up.

6. Oversee method(s) of final clean-up. (If not satisfactory, require additional cleanup or alternate method.) Action taken: _____

7. Make sure adequate disposal arrangements have been made. Arrangements made: _____

8. Advise spiller to contact property owner regarding property damage and restoration.

NOTES: Confirmed contained on site, Wayne Gumm (shift supervisor), Chevron.

Post-spill

9. Diagram spill situation:

NOTES:

1. Notify EMD when incident is under control.
Date _____ Person contacted _____
2. Describe any problems with the emergency response procedure: _____

3. If spill was on a plant site, was an SPCC plan available? Y _____ N _____
Was it used? Y _____ N _____
Is it current? Y _____ N _____
Comments: _____

4. Sign and date this report.

Signature

Date
5. Send this report to Regional Operations (for oil spills) or Hazardous Waste Operations.

SPILL REPORT

REPORTING

Person reporting: Archie Date Reported: 8/27/80
Agency: Emergency Services Phone: _____ Time Reported: 8:10 AM

Observer (if different): Mr. Johnson 221-7808 Date Reported: 8/27
Phone _____

Address: Chevron Asphalt, Portland Time Reported: 8:05 AM

NATURE OF THE SPILL 5501 NW Front, Portland Where did spill occur _____
City - Portland Address or 5501 NW Front
When: 7:45 AM County - _____ Location - Portland

Other Comments: Spilled from tank truck

What spilled? AR 4000

How much? UNKNOWN

Other Comments by reporter/observer: Outside Plant on the street.
Overflow from tanker.

Did the material enter public waters? ☐ Yes ☒ No

If yes, complete the following: _____
Name of water body _____ Length/width of sheen _____

If no, complete the following: _____

Is it likely that the material will reach public waters? ☐ Yes ☒ No

Name of water body threatened: _____
Dept. of Environmental Quality

ACTION TAKEN OR PLANNED TO BE TAKEN

Who is responding? _____

NORTHWEST REGION

What cleanup efforts have been initiated? Co. has contained material
by sand dam.

Report taken by: Chris

Did you notify: Regional Office ☒ Yes ☐ No

Name: Steve Carter

Public Information ☐ Yes ☒ No

Name: _____

Notify EPA, Oregon Operations, if the spill threatens a downstream water supply.

cc: NW Regional Office
Laboratory, DEQ
EPA, Oregon Oprs.

DEPARTMENT OF ENVIRONMENTAL QUALITY
OIL SPILL REPORT

~~723~~
570

REPORTING

Person reporting: Jerry Harpan Date Reported: 6-7-79
Agency: Emergency Services Phone: 221-7800 Time Reported: 10¹⁵ PM.
Observer: O.P. Lent Phone: 221-7812 Date Reported: 6-7-79
Address: Chevron USA Time Reported: 7⁰⁰ PM

NATURE OF THE SPILL

Where did the spill occur? Chevron USA, 5501 NW Front Ave., Portland
Tank cars loading, in-plant spill, at "tank rack"
What spilled? Emulsified Asphalt Paving
How much? 450 gallons
Other Comments by reporter/observer: _____

Did the material enter public waters? ☐ Yes ☒ No
If yes, complete the following: _____
Name of water body _____ Length/width of sheen _____
If no, complete the following: _____
Is it likely that the material will reach public waters? ☐ Yes ☒ No
Name of water body threatened: _____

ACTION TAKEN OR PLANNED TO BE TAKEN

Who is responding? Coast Guard notified by spiller. Not known if response generated
What cleanup efforts have been initiated? Most of it was cleaned-up on-site by the spiller. Some hardened, to be removed later as required

Report taken by: Chris
Did you notify: Regional Office ☒ Yes ☐ No
Name: _____ 6/8/79 Am
Public Information ☐ Yes ☒ No
Name: _____

Dept. of Environmental Quality

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NORTHWEST REGION

Notify EPA, Oregon Operations, if the spill threatens a downstream water supply.

cc: Regional Office
Laboratory, DEQ
EPA, Oregon Oprs.

MEMO TO : ~~TRB & REGIONAL OPS.~~

spill
mit

R.O.

done 3-17

FROM : P. KRESSLER

cc ~~WORK FILES~~

RE : CHEVRON GASOLINE SPILL 3/14/80

WHAT : APPROXIMATELY 4200 GAL. OF CHEVRON SUPREME GASOLINE SPILLED DUE TO "MATERIAL FAILURE" OF STORAGE TANK #86 WHICH WAS FULL (966,000 GAL. TOTAL.)

WHEN : 7:00 AM , FRI. , MAR. 14, 1980

HOW : TANK WAS "JUST" FILLED WHEN WORKMEN DETECTED A GASOLINE ODR. FOUND LEAK AT BOTTOM OF TANK - MATERIAL FAILURE - LEAKING ABOUT 10 GAL. / MINUTE.

ACTION :

1. WORKMEN IMMEDIATELY CLOSED STORM DRAIN TO THE WILLAMETTE RIVER
2. FIRE DEPT. NOTIFIED : "FOAMED" ENTIRE AREA OF SPILL
3. COAST GUARD & DEQ ALERTED - COAST GUARD KEEPING WATCH ON STORM SEWER OUT FALL & RIVER BANK AREA.
4. WESTERN ENVIRONMENTAL SVCS. NOTIFIED - ON STANDBY.
5. WORKMEN PUMPING / SKIMMING SPILLED

GASOLINE TO ANOTHER TANK

6. WORKMEN PUMPING H_2O INTO BOTTOM OF LEAKING TANK SO JUST H_2O LEAKS OUT.
7. WORKMEN PUMPING GASOLINE FROM TOP OF LEAKING TANK TO ANOTHER TANK.

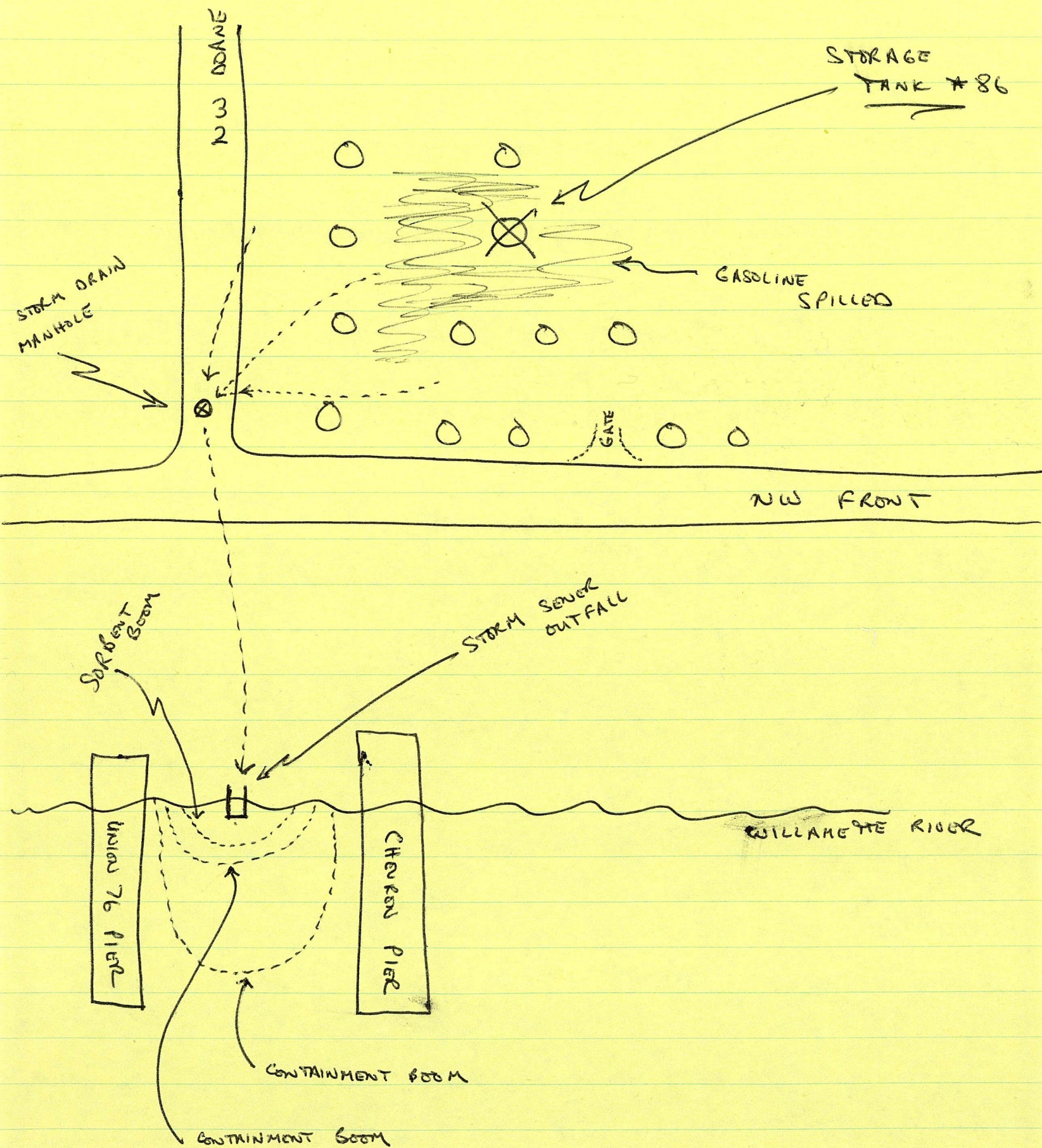
DEQ RESPONSE : PKR ON SITE 9:00 AM ; INTERVIEWED JOE WALDBURGER CHEVRON BUCK FOREMAN , & C.P. LATTANZI CHEVRON MAINTENANCE FOREMAN. CHECKED STORM DRAIN OUT FALL TO WILLAMETTE RIVER; NO GASOLINE COMING THRU YET; SORBENT BOOM AND 2 CONTAINMENT BOOMS WERE PLACED. WESTERN ENVIRONMENTAL BOAT ON SCENE AS WAS A PORTLAND FIRE BOAT

GASOLINE ABSORPTION INTO GROUND WAS MINIMIZED BECAUSE OF HEAVY RAINS LAST COUPLE DAYS SATURATING THE GROUND. GASOLINE WAS FLOATING ON THE WATER AND WAS EASILY SKIMMED

SPILL APPEARS CONTAINED AND CLEAN UP IS IN PROGRESS. COAST GUARD & WILLAMETTE ENV. SVCS. KEEPING WATCH ON RIVER. FIRE DEPT. SPREADING FOAM IN SPILL AREA OF TANK FARM & ON ALERT FOR FURTHER DANGERS.

NOTE CHEVRON WILL SEND A FULL REPORT ON SPILL TO DEQ!

DIAGRAM ATTACHED:





Chevron U.S.A. Inc.

5531 N.W. Doane Avenue, Portland, OR 97210

Phone 221-7866

J. C. "Joe" Waldburger

Bulk Foreman

Willbridge Distribution Center

SPILL REPORT

TICB
SCC
JFK

REPORTING

Person reporting: Archie Mustard Date Reported: 3/14

Agency: Emergency Services Phone: _____ Time Reported: 7:50 Am

Observer (if different): Joe Waldburger 221-7714 Date Reported: 3/14
Phone

Address: Chevron^{USA} Tank Farm Time Reported: 7:46 Am

NATURE OF THE SPILL

— Where did spill occur —

When: 7:15 Am City - Portland Address or 5531 NW Dawne Ave
County - Multnomah Location - Portland

Other Comments: _____

What spilled? gas

How much? unknown - but a lot

Other Comments by reporter/observer: In the main tank yard. Failure of 23,000 gallon tank. Contained.

Did the material enter public waters? ☐ Yes ☒ No

If yes, complete the following:

Name of water body Length/width of sheen

If no, complete the following:

Is it likely that the material will reach public waters? ☒ Yes ☐ No

Name of water body threatened: Willamette R.

ACTION TAKEN OR PLANNED TO BE TAKEN

Who is responding? Fire Dept. on-scene on stand-by

What cleanup efforts have been initiated? _____

Report taken by: Chris

Did you notify: Regional Office ☒ Yes ☐ No

Name: Mary Bright

Public Information ☐ Yes ☐ No

Name: _____

Notify EPA, Oregon Operations, if the spill threatens a downstream water supply.

cc: Regional Office
Laboratory, DEQ
EPA, Oregon Oprs.

REPORTING

Person reporting: Jerry Harpham Date Reported: 1-21-79

Agency: ESD Phone: _____ Time Reported: 130PM

Observer: Jim McQueen 221-7808 Date Reported: 1-21-79

Address: Chevron Asphalt Phone _____ Time Reported: 125PM

NATURE OF THE SPILL

Spill occurred about 6PM 1-20-79

Where did the spill occur? Chevron Asphalt.

Source of spill? Pipe line break

What spilled? PS 300 Heavy fuel oil

How much? 200 barrels

Other Comments by reporter/observer: all but about 100 gallons contained
some may enter into sewer system.

Did the material enter public waters? ☐ Yes ☒ No

If yes, complete the following:

Name of water body _____ Length/width of sheen _____

If no, complete the following:

Is it likely that the material will reach public waters? ☐ Yes ☒ No

Name of water body threatened: _____

ACTION TAKEN OR PLANNED TO BE TAKEN

Who is responding? none

What cleanup efforts have been initiated? Company is cleaning up.

Report taken by: WOF

Did you notify: Regional Office ☐ Yes ☒ No

Name: _____

Public Information ☐ Yes ☒ No

Name: _____

Dept. of Environmental Quality

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NORTHWEST REGION

Notify EPA, Oregon Operations, if the spill threatens a downstream water supply.

cc: Regional Office
Laboratory, DEQ
EPA, Oregon Oprs.