



Significant Responses This Quarter

ARRC Mile 152.8 – Wasilla

Spill Date: July 12, 2000
Product/Quantity: unleaded gasoline, 578 gallons
Cause: Derailment

An estimated 578 gallons of unleaded gasoline was released from a tank car when a train derailed near Wasilla. Eleven cars derailed, including 5 fuel tank cars. Four of the tank cars slid down a 25-foot embankment. Railroad personnel tightened the valve of the damaged tank car, stopping the leak. Sorbent boom was deployed around the damaged tanker car as a prevention measure. The local fire department responded to provide foaming capability during lightering operations. The derailment was caused by a deteriorating rail bed on a problem curve. The Department will assess the extent of contamination and determine cleanup requirements.



BP Gathering Center 2 Spills – Prudhoe Bay

Spill Date: August 21, 2000
Product/Quantity: 1) crude oil/water, 29,400 gallons; 2) ethylene glycol, 2,100 gallons
Cause: Control System Equipment Failure

An estimated 29,400 gallons of crude oil mixed with water was released when the control system failed and the Overflow Skim Oil Tank failed to contain the release. Wells were shut in to decrease flow to the gathering center. All of the crude/water spill was contained in a lined containment cell surrounding the tank. An estimated 2,100 gallons of ethylene glycol was also spilled during the incident. Almost all of the glycol was contained within the building where the spill occurred. Approximately forty gallons of glycol leaked out of the building into lined containment. Vacuum trucks were used to recover the spilled crude and ethylene glycol.



ARRC derailment at Mile 152.8 -- aerial view

Alaska Nitrogen Products Ammonia Release – Nikiski

Spill Date: September 21, 2000
Product/Quantity: ammonia; 8,000 pounds
Cause: Power Failure

A power failure resulted in the loss of instrument air, which controls the pressure relief valves on ammonia storage tanks. To avoid a possible overpressuring of the storage tanks, these valves are designed to open when instrument air control is lost. The tank in Plant 1 vented for 10 minutes and the tank in Plant 2 vented for 40 minutes, releasing an estimated 8,000 pounds of ammonia. Plant personnel were immediately evacuated. Nine workers were treated for ammonia exposure. Air monitoring outside the facility detected only traces of ammonia. Alaska Nitrogen Products will evaluate the routing of the storage tank pressure relief valves to the plant flare rather than to the atmosphere.



Williams Glycol Spill – North Pole

Spill Date: September 27, 2000
Product/Quantity: propylene glycol; 800 gallons
Cause: Unknown

An estimated 800-gallon leak of propylene glycol occurred from an underground line at Williams Alaska Petroleum in North Pole. Several thousand gallons of product mixed with water were pumped from a nearby monitoring well and a recovery well. Groundwater samples from both wells contained glycol and petroleum hydrocarbons from a previous release. The plume size is unknown. It is also unknown if releases of propylene glycol in 1997 and 1998 of 7,400 gallons and 5,000 gallons, respectively, added to the sample discoloration that was observed. Samples from other wells at the facility perimeter tested negative for glycol; however, the wells are shallow and it is unknown if the plume is passing under them.

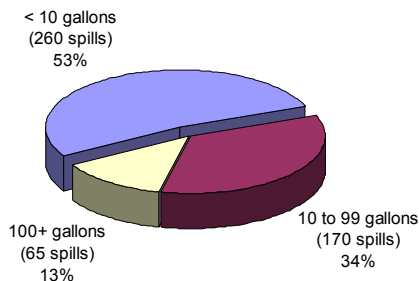


ARRC derailment at Mile 152.8 -- lightering operations

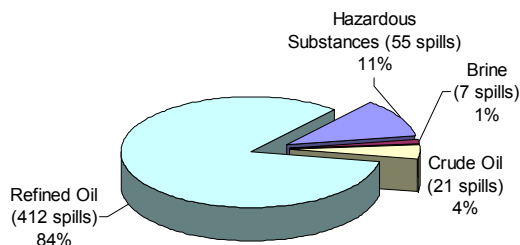
Data Summary

Oil and Hazardous Substance Spills July 1 - September 30, 2000

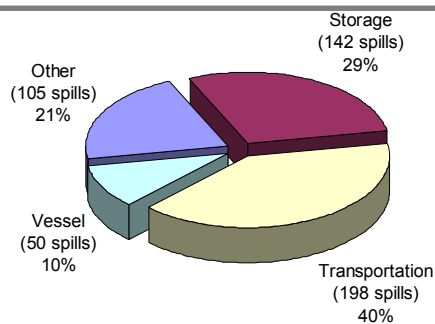
(releases reported in pounds were not included)



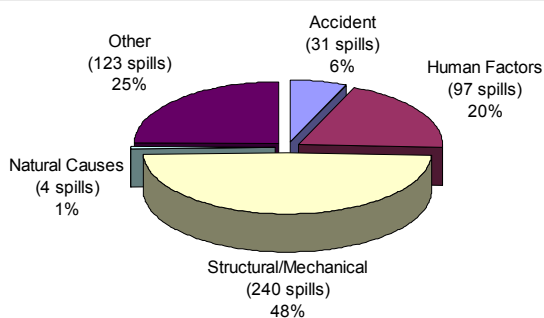
Spills by Size Class



Spills by Product



Spills by Source



Spills by Cause

Spill News

GOLD CREEK UPDATE

On July 27, the Department met with the contractor hired by Alaska Railroad Corporation (ARRC) to discuss an immediate and long-term cleanup plan, and the need for interim removal action of heavily contaminated soils; relining of the interception trench with impermeable material; and, development of an operational schedule. The contractor verbally provided a conceptual plan for extending the existing remediation system. No agreement was reached regarding the actual cleanup plan.

Staff from the Department of Environmental Conservation (DEC) and the Department of Natural Resources (DNR) traveled to Gold Creek on August 3 for an on-site discussion of the contractor's remediation proposals. Along with nearby private property owners, the parties reviewed the remediation systems currently under construction and the plans presented for the system. A visit to the interception trench near the river showed nearly 80% of it had dewatered, making it largely ineffective. A followup teleconference was held August 4 to refine the contractor's plan. A separate plan to upgrade the trench will be submitted by the contractor for review by the Department.



Gold Creek -- Soil Vapor Extraction system and lines being installed on the west side of the spill site.

The water table has dropped at the site to the point that free product is beginning to show up in the outer monitoring wells and there are increased levels of product in the core spill area. The railroad has established a technical review team of academic professionals and consultants to determine the risk to the river which will have an impact on verifying the appropriate long term remediation system. This study will require an assimilation and detailed analysis of the data (well logs, sampling, monitoring, etc) collected to date.



RCCL SETTLEMENT RESPONSE EQUIPMENT

The Department issued a letter to Royal Caribbean Cruises Ltd. (RCCL) on August 21 giving approval for RCCL to proceed with the purchase and donation of an estimated \$1,545,000 in spill response materials and equipment. The equipment to be donated includes two, 48-foot oil spill response vessels, additional boom, skimming, communications and air monitoring equipment and brings the total value of equipment brought to Southeast Alaska by the RCCL settlement to 2.1 million dollars. The list of equipment to be purchased was developed by the Southeast Alaska Subarea Committee and guided in part by the evaluation criteria recommended by the Cruise Ship Initiative Oil Spill Response Work Group. RCCL will now work with Southeast Alaska Petroleum Resource Organization (SEAPRO) to complete the purchasing and donation process. RCCL has not yet confirmed delivery dates, however it is anticipated that the equipment should be in place by the 2001 cruise season.



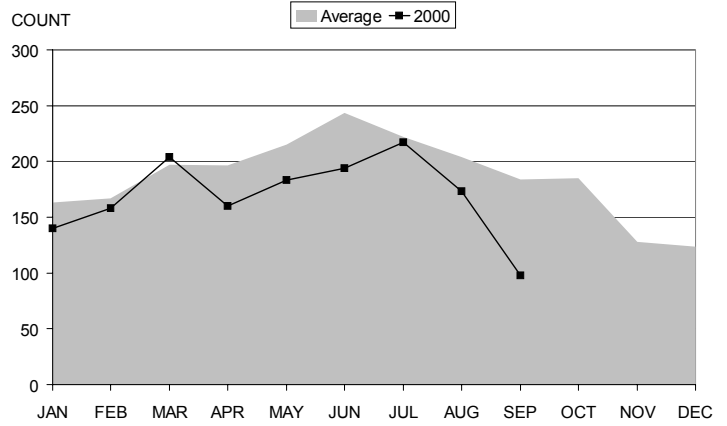
DRILLS

The Department participated in two drills held in Ketchikan during the week of September 11.

Annual Spill Trends -- July 1995 - September 2000 (excluding Brine)

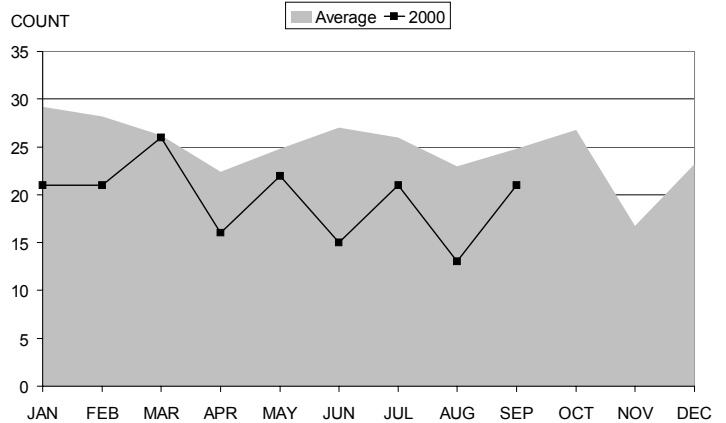
ALL SPILLS

| Month | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | Average |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------|
| JAN | | 179 | 160 | 176 | 162 | 140 | 163 |
| FEB | | 156 | 161 | 165 | 194 | 158 | 167 |
| MAR | | 162 | 189 | 220 | 211 | 204 | 197 |
| APR | | 179 | 211 | 214 | 219 | 160 | 197 |
| MAY | | 207 | 228 | 263 | 194 | 183 | 215 |
| JUN | | 237 | 233 | 264 | 289 | 194 | 243 |
| JUL | 237 | 217 | 218 | 205 | 239 | 217 | 222 |
| AUG | 276 | 193 | 179 | 196 | 208 | 173 | 204 |
| SEP | 227 | 184 | 194 | 189 | 210 | 98 | 184 |
| OCT | 192 | 157 | 151 | 212 | 213 | | 185 |
| NOV | 129 | 123 | 111 | 146 | 130 | | 128 |
| DEC | 143 | 109 | 118 | 110 | 137 | | 123 |
| Total | 1,204 | 2,103 | 2,153 | 2,360 | 2,406 | 1,527 | |



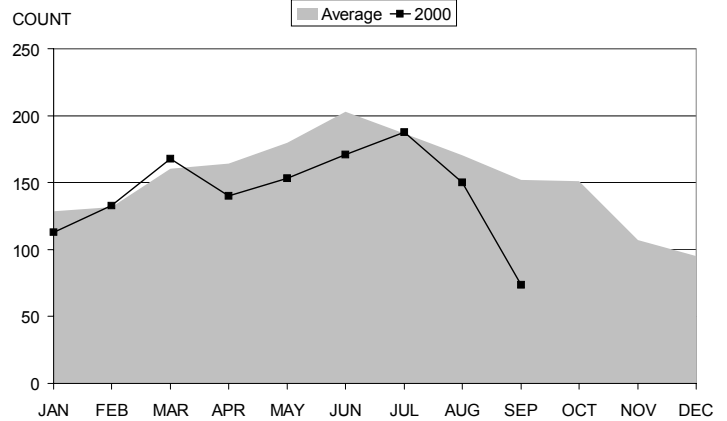
HAZARDOUS SUBSTANCES

| Month | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | Average |
|--------------|------------|------------|------------|------------|------------|------------|---------|
| JAN | | 33 | 35 | 32 | 25 | 21 | 29 |
| FEB | | 30 | 23 | 36 | 31 | 21 | 28 |
| MAR | | 23 | 26 | 29 | 27 | 26 | 26 |
| APR | | 16 | 23 | 38 | 19 | 16 | 22 |
| MAY | | 16 | 31 | 34 | 21 | 22 | 25 |
| JUN | | 21 | 27 | 49 | 23 | 15 | 27 |
| JUL | 35 | 18 | 36 | 20 | 26 | 21 | 26 |
| AUG | 47 | 16 | 22 | 19 | 21 | 13 | 23 |
| SEP | 23 | 20 | 23 | 26 | 36 | 21 | 25 |
| OCT | 30 | 31 | 26 | 25 | 22 | | 27 |
| NOV | 19 | 15 | 23 | 11 | 16 | | 17 |
| DEC | 26 | 25 | 30 | 12 | 23 | | 23 |
| Total | 180 | 264 | 325 | 331 | 290 | 176 | |



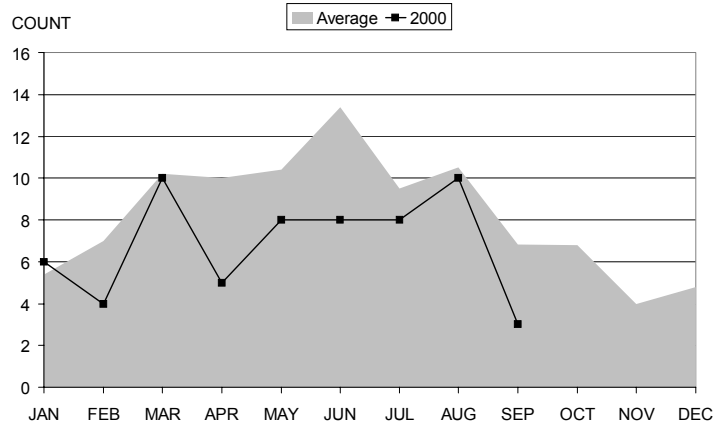
REFINED OIL PRODUCTS

| Month | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | Average |
|--------------|------------|--------------|--------------|--------------|--------------|--------------|---------|
| JAN | | 143 | 120 | 135 | 133 | 113 | 129 |
| FEB | | 116 | 133 | 120 | 156 | 133 | 132 |
| MAR | | 134 | 152 | 177 | 173 | 168 | 161 |
| APR | | 148 | 177 | 160 | 197 | 140 | 164 |
| MAY | | 180 | 185 | 216 | 165 | 153 | 180 |
| JUN | | 199 | 195 | 199 | 251 | 171 | 203 |
| JUL | 192 | 187 | 175 | 177 | 201 | 188 | 187 |
| AUG | 217 | 162 | 149 | 172 | 174 | 150 | 171 |
| SEP | 200 | 150 | 163 | 158 | 167 | 74 | 152 |
| OCT | 155 | 120 | 119 | 180 | 183 | | 151 |
| NOV | 109 | 103 | 84 | 130 | 109 | | 107 |
| DEC | 109 | 82 | 82 | 94 | 110 | | 95 |
| Total | 982 | 1,724 | 1,734 | 1,918 | 2,019 | 1,290 | |



CRUDE OIL

| Month | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | Average |
|--------------|-----------|------------|-----------|------------|-----------|-----------|---------|
| JAN | | 3 | 5 | 9 | 4 | 6 | 5 |
| FEB | | 10 | 5 | 9 | 7 | 4 | 7 |
| MAR | | 5 | 11 | 14 | 11 | 10 | 10 |
| APR | | 15 | 11 | 16 | 3 | 5 | 10 |
| MAY | | 11 | 12 | 13 | 8 | 8 | 10 |
| JUN | | 17 | 11 | 16 | 15 | 8 | 13 |
| JUL | 10 | 12 | 7 | 8 | 12 | 8 | 10 |
| AUG | 12 | 15 | 8 | 5 | 13 | 10 | 11 |
| SEP | 4 | 14 | 8 | 5 | 7 | 3 | 7 |
| OCT | 7 | 6 | 6 | 7 | 8 | | 7 |
| NOV | 1 | 5 | 4 | 5 | 5 | | 5 |
| DEC | 8 | 2 | 6 | 4 | 4 | | 4 |
| Total | 42 | 115 | 94 | 111 | 97 | 62 | |

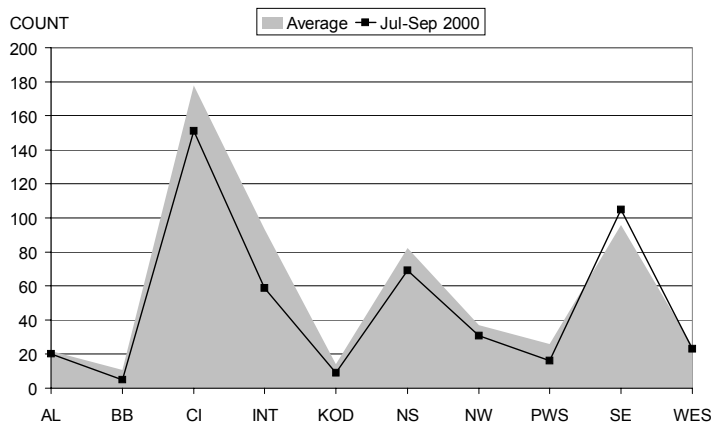


spills reported by SUBAREA (excluding Brine)

ALL SPILLS

July - Sept 2000 compared to same quarter in prior years

| Subarea | July-September | | | | | | Average |
|----------------------------|----------------|------------|------------|------------|------------|------------|---------|
| | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | |
| Aleutian (AL) | 53 | 27 | 21 | 16 | 26 | 20 | 22 |
| Bristol Bay (BB) | 6 | 11 | 12 | 10 | 15 | 5 | 11 |
| Cook Inlet (CI) | 265 | 190 | 144 | 197 | 207 | 151 | 178 |
| Interior (INT) | 129 | 88 | 136 | 92 | 92 | 59 | 93 |
| Kodiak (KOD) | 5 | 12 | 11 | 20 | 18 | 9 | 14 |
| North Slope (NS) | 126 | 100 | 97 | 70 | 76 | 69 | 82 |
| Northwest Arctic (NW) | 39 | 23 | 35 | 47 | 50 | 31 | 37 |
| Prince William Sound (PWS) | 42 | 31 | 32 | 29 | 22 | 16 | 26 |
| Southeast (SE) | 59 | 90 | 72 | 82 | 130 | 105 | 96 |
| Western Alaska (WES) | 16 | 22 | 31 | 27 | 21 | 23 | 25 |
| Total for Quarter | 740 | 594 | 591 | 590 | 657 | 488 | |

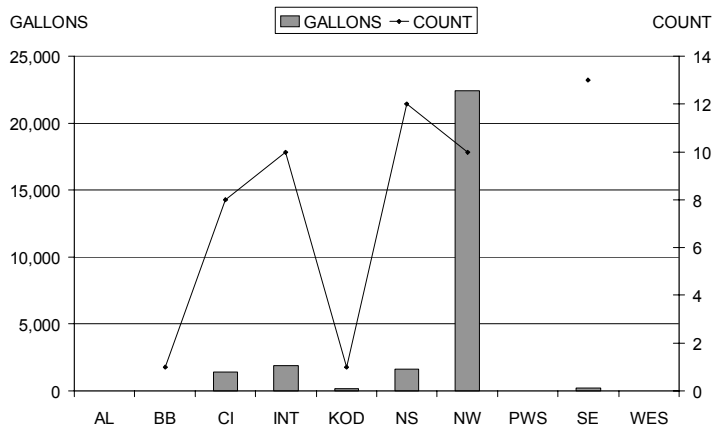


HAZARDOUS SUBSTANCES

July 1-September 30, 2000

| Subarea | Count | Gallons |
|----------------------------|-----------|---------------|
| Aleutian (AL) | | |
| Bristol Bay (BB) | 1 | 1 |
| Cook Inlet (CI) | 8 | 1,437 |
| Interior (INT) | 10 | 1,879 |
| Kodiak (KOD) | 1 | 150 |
| North Slope (NS) | 12 | 1,621 |
| Northwest Arctic (NW) | 10 | 22,439 |
| Prince William Sound (PWS) | | |
| Southeast (SE) | 13 | 197 |
| Western Alaska (WES) | | |
| Total for Quarter | 55 | 27,724 |

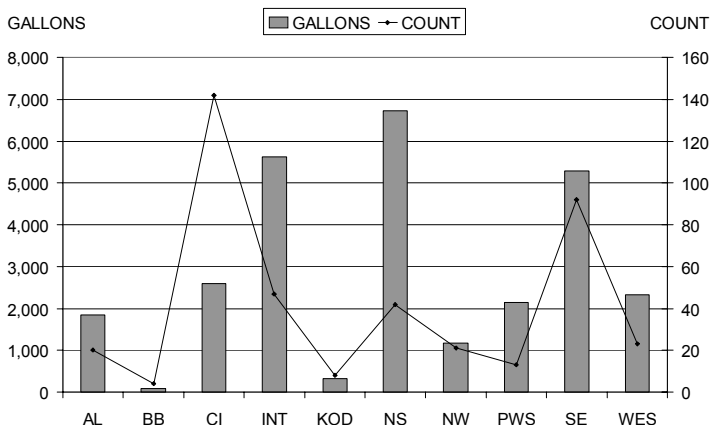
Excludes releases reported in pounds: Anhydrous Ammonia (6 releases, 11,340 lbs); Freon (1 release, 36 lbs); Other (3 releases, 3,780 lbs)



REFINED OIL PRODUCTS

July 1-September 30, 2000

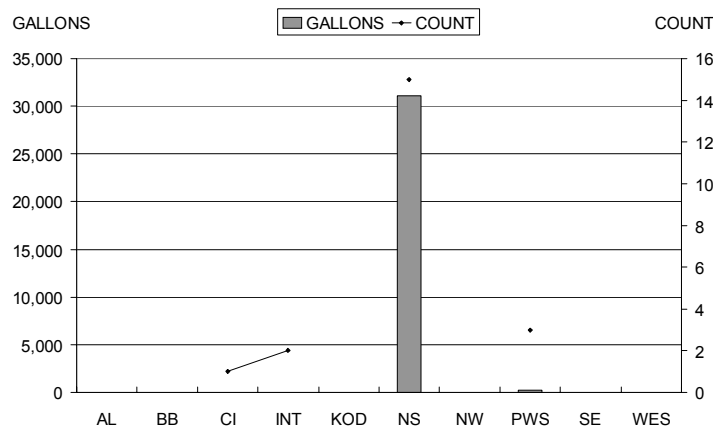
| Subarea | Count | Gallons |
|----------------------------|------------|---------------|
| Aleutian (AL) | 20 | 1,838 |
| Bristol Bay (BB) | 4 | 76 |
| Cook Inlet (CI) | 142 | 2,598 |
| Interior (INT) | 47 | 5,617 |
| Kodiak (KOD) | 8 | 320 |
| North Slope (NS) | 42 | 6,734 |
| Northwest Arctic (NW) | 21 | 1,169 |
| Prince William Sound (PWS) | 13 | 2,141 |
| Southeast (SE) | 92 | 5,290 |
| Western Alaska (WES) | 23 | 2,318 |
| Total for Quarter | 412 | 28,101 |



CRUDE OIL

July 1-September 30, 2000

| Subarea | Count | Gallons |
|----------------------------|-----------|---------------|
| Aleutian (AL) | | |
| Bristol Bay (BB) | | |
| Cook Inlet (CI) | 1 | 12 |
| Interior (INT) | 2 | 35 |
| Kodiak (KOD) | | |
| North Slope (NS) | 15 | 31,103 |
| Northwest Arctic (NW) | | |
| Prince William Sound (PWS) | 3 | 210 |
| Southeast (SE) | | |
| Western Alaska (WES) | | |
| Total for Quarter | 21 | 31,360 |

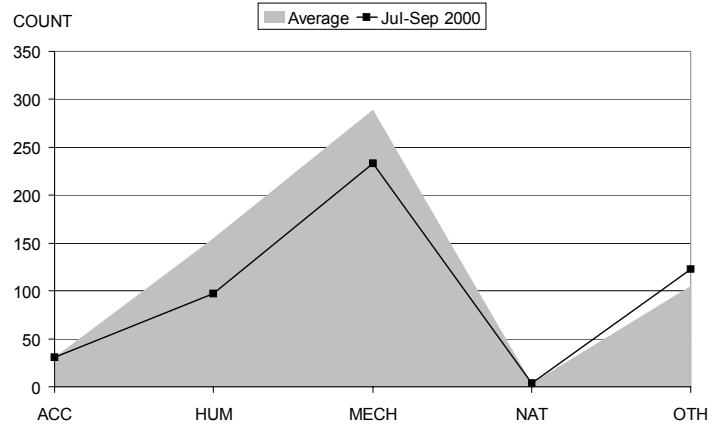


spills reported by CAUSE (excluding Brine)

ALL SPILLS

July -Sept 2000 compared to same quarter in prior years

| Subarea | July-September | | | | | | Average |
|------------------------------|----------------|------------|------------|------------|------------|------------|---------|
| | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | |
| Accident (ACC) | 54 | 27 | 39 | 30 | 27 | 31 | 31 |
| Human Factors (HUM) | 194 | 179 | 159 | 163 | 178 | 97 | 155 |
| Structural/Mechanical (MECH) | 345 | 284 | 300 | 289 | 342 | 233 | 290 |
| Natural Causes (NAT) | 9 | 2 | 3 | 3 | 5 | 4 | 3 |
| Other/Unknown (OTH) | 138 | 102 | 90 | 105 | 105 | 123 | 105 |
| Total for Quarter | 740 | 594 | 591 | 590 | 657 | 488 | |

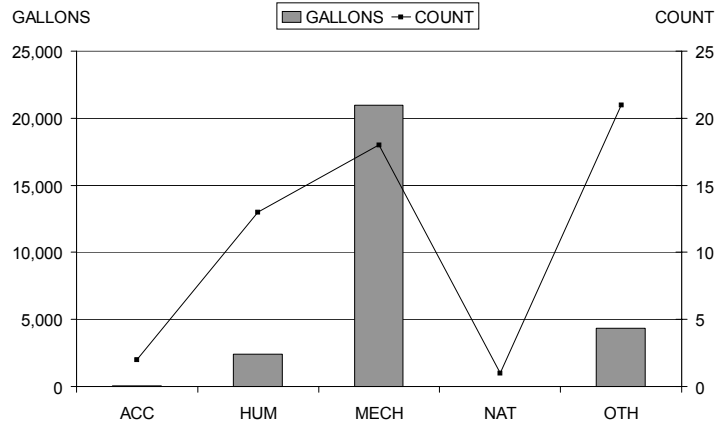


HAZARDOUS SUBSTANCES

July 1-September 30, 2000

| Cause | Count | Gallons |
|------------------------------|-----------|---------------|
| Accident (ACC) | 2 | 49 |
| Human Factors (HUM) | 13 | 2,398 |
| Structural/Mechanical (MECH) | 18 | 20,967 |
| Natural Causes (NAT) | 1 | 1 |
| Other/Unknown (OTH) | 21 | 4,309 |
| Total for Quarter | 55 | 27,724 |

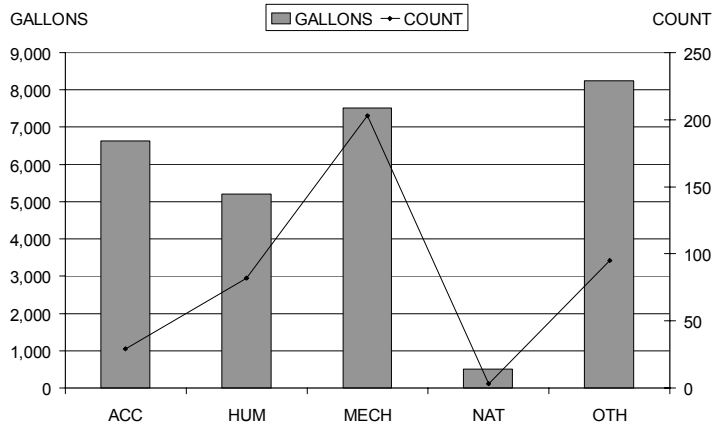
Excludes releases reported in pounds: Anhydrous Ammonia (6 releases, 11,340 lbs); Freon (1 release, 36 lbs); Other (3 releases, 3,780 lbs)



REFINED OIL PRODUCTS

July 1-September 30, 2000

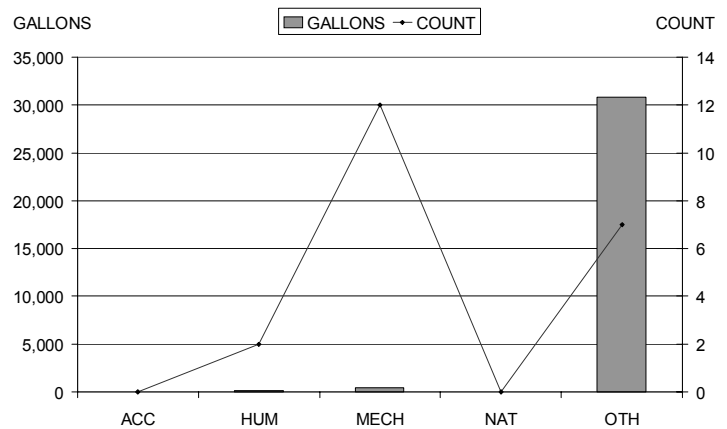
| Cause | Count | Gallons |
|------------------------------|------------|---------------|
| Accident (ACC) | 29 | 6,641 |
| Human Factors (HUM) | 82 | 5,198 |
| Structural/Mechanical (MECH) | 203 | 7,507 |
| Natural Causes (NAT) | 3 | 512 |
| Other/Unknown (OTH) | 95 | 8,243 |
| Total for Quarter | 412 | 28,101 |



CRUDE OIL

July 1-September 30, 2000

| Cause | Count | Gallons |
|------------------------------|-----------|---------------|
| Accident (ACC) | | |
| Human Factors (HUM) | 2 | 129 |
| Structural/Mechanical (MECH) | 12 | 433 |
| Natural Causes (NAT) | | |
| Other/Unknown (OTH) | 7 | 30,798 |
| Total for Quarter | 21 | 31,360 |

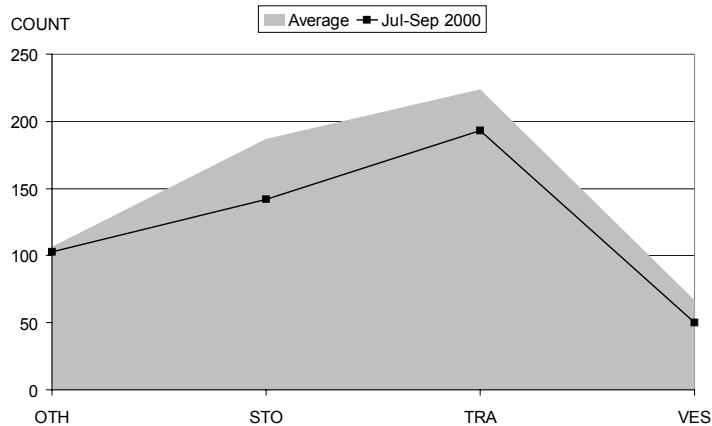


spills reported by SOURCE (excluding Brine)

ALL SPILLS

July - Sept 2000 compared to same quarter in prior years

| Source | July-September | | | | | | Average |
|--------------------------|----------------|------------|------------|------------|------------|------------|---------|
| | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | |
| Other/Unknown (OTH) | 161 | 123 | 95 | 97 | 115 | 103 | 107 |
| Storage (STO) | 247 | 195 | 192 | 198 | 206 | 142 | 187 |
| Transportation (TRA) | 253 | 206 | 229 | 226 | 266 | 193 | 224 |
| Vessel (VES) | 79 | 70 | 75 | 69 | 70 | 50 | 67 |
| Total for Quarter | 740 | 594 | 591 | 590 | 657 | 488 | |

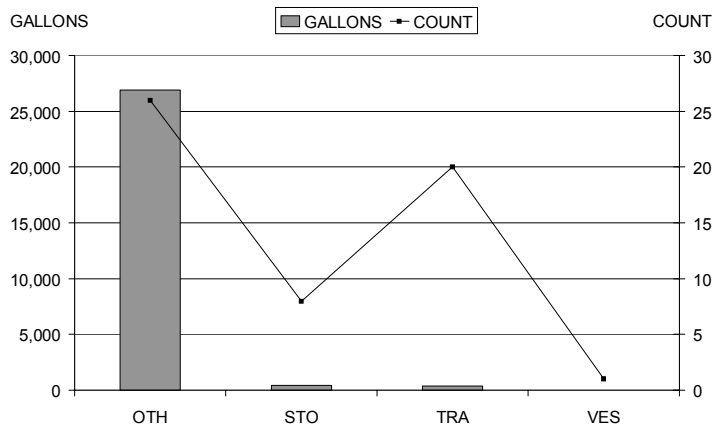


HAZARDOUS SUBSTANCES

July 1-September 30, 2000

| Source | Count | Gallons |
|--------------------------|-----------|---------------|
| Other/Unknown (OTH) | 26 | 26,930 |
| Storage (STO) | 8 | 417 |
| Transportation (TRA) | 20 | 372 |
| Vessel (VES) | 1 | 5 |
| Total for Quarter | 55 | 27,724 |

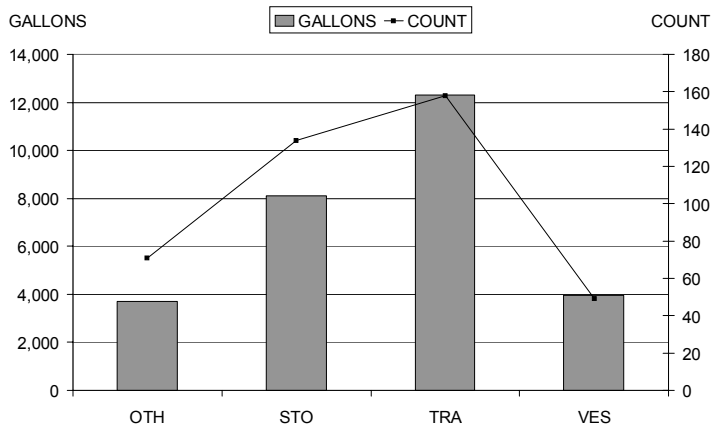
Excludes releases reported in pounds: Anhydrous Ammonia (6 releases, 11,340 lbs); Freon (1 release, 36 lbs); Other (3 releases, 3,780 lbs)



REFINED OIL PRODUCTS

July 1-September 30, 2000

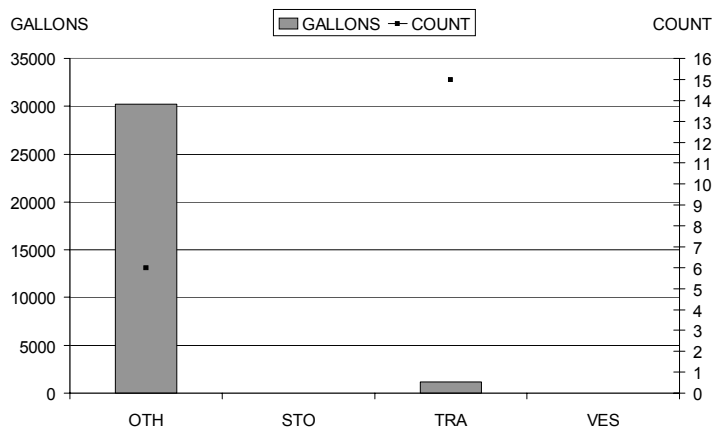
| Source | Count | Gallons |
|--------------------------|------------|---------------|
| Other/Unknown (OTH) | 71 | 3,717 |
| Storage (STO) | 134 | 8,118 |
| Transportation (TRA) | 158 | 12,302 |
| Vessel (VES) | 49 | 3,964 |
| Total for Quarter | 412 | 28,101 |



CRUDE OIL

July 1-September 30, 2000

| Source | Count | Gallons |
|--------------------------|-----------|---------------|
| Other/Unknown (OTH) | 6 | 30,223 |
| Storage (STO) | | |
| Transportation (TRA) | 15 | 1,137 |
| Vessel (VES) | | |
| Total for Quarter | 21 | 31,360 |



CANUSDIX 2000, a joint Canadian/U.S. tabletop management tabletop exercise, covered situation analysis, initial actions, command structure, strategy development and issues of concern for a remote spill scenario in Dixon Entrance. Representatives from the U.S. and Canadian Coast Guards, British Columbia Ministry of Environment, Lands and Parks, SeaCoast Towing, Southeast Alaska Petroleum Resource Organization (SEAPRO), Burrard Clean, the CANUSDIX International Wildlife Team and DEC participated in the drill. The drill included a shoreline cleanup assessment team (SCAT) refresher course, tabletop workshop and on-water equipment deployment exercise. This was the first time that industry and B.C. environmental agency representatives had participated in a CANUSDIX drill, which greatly benefited the discussion. During the on-water portion of the drill, the Canadian Coast Guard tested a beach flushing system utilizing the 93.5-foot air-cushioned vehicle CGHC Siyay, which accessed the beach from the water. The USCG deployed the vessel of opportunity skimming system (VOSS) from the CGC Woodrush.

Staff from the Departments of Environmental Conservation (DEC), Fish and Game (DFG) and Natural Resources (DNR) attended the National Preparedness for Response Exercise Program (NPREP) drill sponsored by SeaCoast Towing, which included two days of general and section-specific Incident Command Section (ICS) training, a tabletop exercise, and an on-water equipment deployment exercise. Section-specific ICS training was followed by a tabletop scenario in which all sections worked issues independently, a format conducive to training new staff. PERP staff made a presentation on the Alaska Incident Management System (AIMS). New staff from the DEC logistics and finance groups and Southeast region staff from DFG and DNR took advantage of the training opportunity. During the on-water exercise, staff monitored deployment of SEAPRO's mini-barge skimming and lightering systems, double booming of a large barge, and a USCG VOSS deployment from the CGC Anthony Petit.



All Significant Responses (July-September 2000)

JULY 2000

- 7/6 Summit Lake Truck Rollover
- 7/12 ARRC derailment, Mile 152.8
- 7/24 T/V POLAR CALIFORNIA
- 7/26 KPL Recirculation Line
- 7/26 Chefnak Tank Farm

AUGUST 2000

- 8/2 Valdez Marine Terminal-West Tank Farm
- 8/11 Inlet Fish Producers' Barge Harvester
- 8/13 Grounded Qayuuttag Dredge
- 8/21 BP Gathering Center

SEPTEMBER 2000

- 9/1 Unocal - Swanson River Produced Water
- 9/11 Tug Millennium Star
- 9/15 Duck Creek Heating Oil Leak
- 9/20 Whittier Harbor Fertilizer Spill
- 9/20 Seward Highway MP 109
- 9/21 Alaska Nitrogen Products Ammonia Release
- 9/27 Monashka Bay Fish Kill
- 9/27 Williams Glycol Spill

More information is available on the web at

<http://www.state.ak.us/dec/dspar/perp>

Oil and Hazardous Substance Spills reported to DEC July 1-September 30, 2000

HAZARDOUS SUBSTANCES

(does not include brine or releases reported in pounds)

Total Count: 55 **Total Gallons:** 27,724

Top 5 Substances

| Product | Count | Gallons |
|------------------------------|-------|---------|
| Propylene Glycol | 6 | 1,588 |
| Ethylene Glycol (Antifreeze) | 12 | 1,533 |
| Sodium Cyanide (Solution) * | 1 | 300 |
| Methyl Alcohol (Methanol) | 3 | 55 |
| Corrosion Inhibitor | 1 | 20 |

Top 5 Causes

| Product | Count | Gallons |
|----------------------|-------|---------|
| Containment Overflow | 3 | 20,353 |
| Valve Left Open | 5 | 2,205 |
| Line Ruptured | 5 | 355 |
| Seal Failure | 1 | 144 |
| Third Party Act | 2 | 120 |

Top 5 Sources

| Product | Count | Gallons |
|--------------------|-------|---------|
| Industrial Vehicle | 9 | 215 |
| Tank Farm | 2 | 210 |
| Drum/s | 5 | 187 |
| Well | 4 | 75 |
| Other Vehicles | 1 | 45 |

CRUDE AND REFINED OIL

Total Count: 433 **Total Gallons:** 59,461

Top 5 Substances

| Product | Count | Gallons |
|---------------|-------|---------|
| Crude | 23 | 31,360 |
| Diesel | 201 | 15,932 |
| Drilling Muds | 4 | 4,534 |
| Gasoline | 87 | 2,616 |
| Asphalt | 1 | 2,000 |

Top 5 Causes

| Product | Count | Gallons |
|-------------------|-------|---------|
| Valve Left Open | 17 | 2,835 |
| Overturn/Capsized | 9 | 2,785 |
| Sinking | 10 | 2,121 |
| Leak, Other | 60 | 1,966 |
| Valve Faulty | 11 | 1,894 |

Top 5 Sources

| Product | Count | Gallons |
|--------------------|-------|---------|
| Well | 15 | 4,594 |
| Industrial Vehicle | 74 | 4,488 |
| Fishing | 23 | 2,706 |
| Home Heating Tank | 22 | 2,475 |
| Tank Farm | 6 | 2,121 |

2000 Drill Calendar

| | |
|------------|--|
| TBD | Cruise Ship Away Team Deployment Exercise (USCG), Southeast AK |
| November 2 | North Slope Mutual Aid Drill (BP), North Slope |
| November 9 | Valdez Marine Terminal Drill (APSC), Valdez |

Visit the PERP website for updated information on drills and training. http://www.state.ak.us/dec/dspar/perp/drill_tr.htm

SEND COMMENTS AND SUBSCRIPTION REQUESTS TO:

Camille Stephens, 410 Willoughby Ave., Juneau, AK 99801

or

email: cstephen@envircon.state.ak.us

At a glance... July 1 - September 30, 2000

Spill Summary

| | |
|---|--------|
| Total Spills Reported* (includes 7 brine releases): | 505 |
| Oil -- Total Gallons Released | 59,461 |
| Hazardous substances* -- Total Gallons Released | 27,724 |
| Brine -- Total Gallons Released | 3,688 |

Oil Releases

| | |
|-------------------------------------|-------------------|
| Total Spills Reported: | 433 |
| Largest Volume Released by Category | |
| Substance (21 spills; 31,360 gal) | Crude |
| Cause (17 spills; 2,835 gal) | Valve left open |
| Source (14 spills; 4,594 gal) | Well |
| Largest Single Release | Crude; 30,030 gal |

Hazardous Substance Releases * (excluding brine)

| | |
|-------------------------------------|-----------------------|
| Total Spills Reported: | 55 |
| Largest Volume Released by Category | |
| Substance (6 spills; 1,588 gal) | Propylene glycol |
| Cause (3 spills; 20,353 gal) | Containment overflow |
| Source (9 spills; 215 gal) | Industrial Vehicle |
| Largest Single Release | Antifreeze; 1,470 gal |

*excludes 10 releases reported in pounds



Prevention and Emergency Response Program
Division of Spill Prevention and Response
Department of Environmental Conservation
410 Willoughby Avenue, Suite 105
Juneau, AK 99801-1795

<http://www.state.ak.us/dec/dspar/perp/perphome.htm>
Phone: 907-465-5220
FAX: 907-465-5244

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Insert - Quarterly Data